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L5 ANSWER 1 OF CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2001:100965 CAPLUS
DOCUMENT NUMBER: 134:141757
TITLE: Methods and compositions using GABA receptor modulators for alleviating **stuttering**
INVENTOR(S): Murphy, John J.; D'orlando, Kay Jorgenson
PATENT ASSIGNEE: Interneuron Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001008	A2	20010208	WO 2000-US20402	20000727

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
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PRIORITY APPLN. INFO.: US 1999-362691 19990729
OTHER SOURCE(S): MARPAT 134:141757

AB Methods of treating **stuttering** include treating people with .gamma.-aminobutyric acid (GABA) receptor modulators, including cyclopyrrolones. A second active agent may be used with GABA receptor modulators. Active enantiomers, active metabolites, and pharmaceutically acceptable salts of GABA receptor modulators, including cyclopyrrolones, are acceptable components of the compns. The cyclopyrrolone class of modulators includes **pagoclone**, suriclone, zopiclone, 2-(7-chloro-1,8-naphthyridin-1,8-yl)-3-(5-methyl-2-oxohexyl)isoindolin-1-one, 2-(7-chloro-1,8-naphthyridin-2-naphthyridin-1,8-yl)isoindolin-1-yl-4-acetamidobutanoic acid, and 2-(7-chloro-1,8-naphthyridin-2yl)-3-(5-methyl-5-hydroxy-2-hexanoyl)-1-isoindolinone.

TI Methods and compositions using GABA receptor modulators for alleviating **stuttering**

AB Methods of treating **stuttering** include treating people with .gamma.-aminobutyric acid (GABA) receptor modulators, including cyclopyrrolones. A second active agent may be used with GABA receptor modulators. Active enantiomers, active metabolites, and pharmaceutically acceptable salts of GABA receptor modulators, including cyclopyrrolones, are acceptable components of the compns. The cyclopyrrolone class of modulators includes **pagoclone**, suriclone, zopiclone, 2-(7-chloro-1,8-naphthyridin-1,8-yl)-3-(5-methyl-2-oxohexyl)isoindolin-1-one, 2-(7-chloro-1,8-naphthyridin-2-naphthyridin-1,8-yl)isoindolin-1-yl-4-acetamidobutanoic acid, and 2-(7-chloro-1,8-naphthyridin-2yl)-3-(5-methyl-5-hydroxy-2-hexanoyl)-1-isoindolinone.

ST GABA receptor modulator **stuttering** treatment; cyclopyrrolone compd **stuttering** treatment

IT Drug delivery systems
(GABA receptor modulators for alleviating **stuttering**)

IT GABA receptors
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL

(Biologic ; PROC (Process)
(GABA modulators for alleviating **stuttering**)
IT GABA ago
(GABA ceptor modulators for alleviating **stuttering**)
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RL: BPR al process); BSU (Biological study, unclassified); BIOL
(Biologic ; PROC (Process)
(GABA ceptor modulators for alleviating **stuttering**)
IT Brain, d
(Gill ourette syndrome; GABA receptor modulators for
alleviating uttering)
IT Drug deli tems
(bucca receptor modulators for alleviating **stuttering**)
IT Proteins, c or class
RL: BAC al activity or effector, except adverse); THU
(Therape ; BIOL (Biological study); USES (Uses)
(diaz ng inhibitory protein and fragments; GABA receptor
modula alleviating **stuttering**)
IT Nervous s
(disea ering; GABA receptor modulators for
allevi uttering)
IT Drug deli tems
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(inject .m.; GABA receptor modulators for alleviating
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IT Drug deli tems
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IT Behavior
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IT Drug deli tems
(nasal; ceptor modulators for alleviating **stuttering**)
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(GABA re[illegible] [illegible]odulators for alleviating **stuttering**)

L5 ANSWER 2 OF [illegible]LIT
ACCESSION NUMBER: [illegible]1:3118 TOXLIT
DOCUMENT NUMBER: [illegible]134-141757Z
TITLE: [illegible]ods and compositions using GABA receptor modulators
for
[illegible]leviating **stuttering**.
AUTHOR: [illegible]hy JJ; D'orlando KJ
SOURCE: [illegible]1). PCT Int. Appl. PATENT NO. 018670 02/08/2001
[illegible]terneuron Pharmaceuticals, Inc.).
[illegible]EN: PIXXD2.
PUB. COUNTRY: [illegible]TED STATES
DOCUMENT TYPE: [illegible]nt
FILE SEGMENT:
LANGUAGE: [illegible]glish
OTHER SOURCE: [illegible]134:141757
ENTRY MONTH: [illegible]03
AB Methods [illegible]f [illegible]g **stuttering** include treating people with
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cyclopyrrol[illegible] [illegible] second active agent may be used with GABA receptor
modulators. [illegible] enantiomers, active metabolites, and pharmaceutically
acceptable [illegible]f GABA receptor modulators, including cyclopyrrolones,
are accepta[illegible] [illegible]ponents of the compns. The cyclopyrrolone class of
modulators [illegible]s **pagoclone**, suriclone, zopiclone,
2-(7-chloro[illegible] [illegible]hyridin-1,8-yl)-3-(5-methyl-2-oxohexyl)isoindolin-1-
one, 2-(7-c[illegible] [illegible]naphthyridin-1,8-yl)isoindolin-1-yl-4-
acetamic bu[illegible], and 2-(7-chloro-1,8-naphthyridin-2yl)-3-(5-methyl-5-
hydroxy-[illegible]-c[illegible] [illegible])-1-isoindolinone.
TI Methods [illegible]nd [illegible]itions using GABA receptor modulators for alleviating
stutter[illegible]**ing**.
AB Methods [illegible]f [illegible]g **stuttering** include treating people with
.gamma.-[illegible]mi[illegible] [illegible]ic acid (GABA) receptor modulators, including
cyclopyrrol[illegible] [illegible] second active agent may be used with GABA. . .
acceptable [illegible]f GABA receptor modulators, including cyclopyrrolones,
are accepta[illegible] [illegible]onents of the compns. The cyclopyrrolone class of
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one, 2-(7-c[illegible] [illegible]-naphthyridin-1,8-yl)isoindolin-1-yl-4-
acetamic bu[illegible] and 2-(7-chloro-1,8-naphthyridin-2yl)-3-(5-methyl-5-
hydroxy-[illegible]-c[illegible] [illegible])-1-isoindolinone.
ST GABA rec[illegible] [illegible]ator **stuttering** treatment; cyclopyrrolone
compd st[illegible]tt [illegible]reatmen

=> s gaba or gam[illegible] [illegible]o butyric acid
11 FILES SE[illegible]
20 FILES SE[illegible]
29 FILES S[illegible]
39 FILES S[illegible]

```
  52 FILES S   RC
L6       2408   (          GAMMA AMINO BUTYRIC ACID

=> s l6 and   .
  45 FILES SE  RC
L7          1  7 L          1

=> duplicate
ENTER REMOVE, ID       , ONLY, OR (?):remove
ENTER L# LIS   O:      . L7
DUPLICATE IS   O       . BLE IN 'ADISINSIGHT, BIOCOMMERCE, DGENE, DRUGLAUNCH,
DRUGMONOG2,    U       , FOREGE, GENBANK, KOSMET, MEDICONF, PHAR, SYNTHLINE'.
ANSWERS FROM   HE      S WILL BE CONSIDERED UNIQUE
DUPLICATE PR   EE      'ADISALERTS, ADISINSIGHT, BIOSIS, CAPLUS, DRUGB,
DRUGU, EMBAL, EM       BIOBASE, JICST-EPLUS, MEDLINE, PASCAL, PHIN, PROMT,
SCISEARCH, TOXLI       LIT, USPATFULL, WPIDS'
KEEP DUPLICATES        RE THAN ONE FILE?  Y/(N):n
PROCESSING COMPI       R L7
L8          (          TE REMOVE L7 (27 DUPLICATES REMOVED)

=> s l6 (s)   .
  38 FILES SE  RC
L9          (  L          1

=> duplicate
ENTER REMOVE, ID       , ONLY, OR (?):remove
ENTER L# LIS   O       :L9
DUPLICATE IS   D       BLE IN 'ADISINSIGHT, BIOCOMMERCE, DGENE, DRUGLAUNCH,
DRUGMONOG2,    U       , FOREGE, GENBANK, KOSMET, MEDICONF, PHAR, SYNTHLINE'.
ANSWERS FROM   HE      S WILL BE CONSIDERED UNIQUE
DUPLICATE PR   E       'BIOSIS, CAPLUS, DRUGB, DRUGU, EMBAL, EMBASE,
JICST-EPLUS,   EL      ASCAL, SCISEARCH, TOXLINE, TOXLIT, USPATFULL, WPIDS'
KEEP DUPLICATES        RE THAN ONE FILE?  Y/(N):n
PROCESSING COMPL       R L9
L10           45       TE REMOVE L9 (16 DUPLICATES REMOVED)

=> d ti 1-5

L10  ANSWER 1  O       LUS  COPYRIGHT 2001 ACS
TI   Methods   d       itions using GABA receptor modulators for
     alleviat  g       ring

L10  ANSWER 2  OF      KLIT
TI   Methods   nd      itions using GABA receptor modulators for
     alleviat  g       ring.

L10  ANSWER 3  O       PATFULL
TI     Guani   :       heterocycle compounds useful as alpha-2 adrenoceptor
       agoni   :

L10  ANSWER 4  O       AL COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 1
TI   Baclofe   :       in Tourette syndrome: A double-blind,
     placebo   :       , crossover trial.

L10  ANSWER 5          PLUS  COPYRIGHT 2001 ACS        DUPLICATE 2
TI   Treatme   .       raumatic stress disorder, obsessive-compulsive
disorder
     and rel   :       ychiatric disorders
```

=> d ti 5-45

L10 ANSWER 5 OF 45 ...LUS COPYRIGHT 2001 ACS DUPLICATE 2
TI Treatme ... ...raumatic stress disorder, obsessive-compulsive disorder
and rel ... ...ychiatric disorders

L10 ANSWER 6 ... ...ATFULL
TI 2-imi... ...noindole compounds useful as alpha-2 adrenoceptor agonis...

L10 ANSWER 7 ... ...PATFULL
TI Allel... ... diagnosis of reward deficiency syndrome and treatment

L10 ANSWER 8 OF ... ...ATFULL
TI 6-(2-... ...amino)quinoxaline compounds useful as alpha-2 adren... ...ists

L10 ANSWER 9 ... ...PATFULL
TI 2-imi...az... ...inobenzoxazole compounds useful as alpha-2 adrenoceptor agoni...

L10 ANSWER 10 ... ...PATFULL
TI Metho... ...ng tardive dyskinesia and other movement disorders using ... ...or antagonists

L10 ANSWER 11 ... IDS COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Identif... ...f interest and relevance to neurological disorders or dysfunc... ...as Parkinson's disease involves use of biological array includi... ... associated with neurotransmitter molecules.

L10 ANSWER 12 ... ...IDS COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Treating ... ...disorders using agents which increase GABA-A neurotr... ...nd decrease NMDA-glutamate neurotransmission.

L10 ANSWER 13 ... ...BASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
TI Reward ... ...syndrome: A biogenetic model for the diagnosis and treatm... ...sive, addictive, and compulsive behaviors.

L10 ANSWER 14 ... ...OSIS COPYRIGHT 2001 BIOSIS
TI Reward d... ...ndrome: A biogenetic model for the diagnosis and treatmen... ...ve, addictive, and compulsive behaviors.

L10 ANSWER 15 ... ...PLUS COPYRIGHT 2001 ACS DUPLICATE 3
TI Methods ... ...s simultaneously acting as NMDA-type glutamate receptor antagon... ...A-A receptor agonists for treating tardive dyskinesia and oth... ...disorders

L10 ANSWER 16 ... ...XLIT
TI Methods ... ... simultaneously acting as NMDA-type glutamate receptor antagoni... ...-A receptor agonists for treating tardive dyskinesia and oth... ...disorders.

L10 ANSWER 17 ... ...ATFULL
TI 2-Imi... ...o heterocyclic compounds useful as alpha-2 adren... ...ists

L10 ANSWER 18 ... ...ATFULL

TI 7-(2-[illegible]amino)quinoline compounds useful as alpha-2 adren[illegible]agonists

L10 ANSWER [illegible] USPATFULL
TI 2-imi[illegible]o heterocyclic compounds useful as alpha-2 adren[illegible]agonists

L10 ANSWER [illegible] USPATFULL
TI 6-(2-[illegible]amino) quinolines useful as alpha-2 adrenoceptor agonis[illegible]

L10 ANSWER [illegible] USPATFULL
TI Use o[illegible]n treating psychiatric disorders

L10 ANSWER [illegible] IDS COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Treatme[illegible]A-uptake related disorders - used for e.g. luster headache[illegible]ti., alcohol withdrawal symptoms, spasticity, growth disturba[illegible]ve dyskinesia or alcohol abuse.

L10 ANSWER [illegible] BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 4
TI Autoanti[illegible]tamate decarboxylase in a patient with spinocerebellar degenera[illegible]ogren syndrome.

L10 ANSWER [illegible] PASCAL COPYRIGHT 2001 INIST-CNRS. ALL RIGHTS RESERVED.
TIEN Associa[illegible]a Tourette-like syndrome with ofloxacin

L10 ANSWER [illegible] WPIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Combina[illegible]sugars and amino acids, opt with other drugs - for treatme[illegible]., Alzheimer's disease, depression, hair loss, cancers, hyperten[illegible].

L10 ANSWER 2[illegible] BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 5
TI Neurochem[illegible]nd [illegible]ome related psychopharmacological aspects of Tourette's syndrome.[illegible]date.

L10 ANSWER [illegible] MEDLINE DUPLICATE 6
TI Resoluti[illegible]sa[illegible]thria in multiple sclerosis by treatment with weak electro[illegible]fi[illegible]lds.

L10 ANSWER [illegible] DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Pharmac[illegible]Controversy of CNS Stimulants in Gilles de la Tourette's Syndrom[illegible].

L10 ANSWER [illegible] 5 DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Neurot[illegible]of Beta-Lactam Antibiotics: Predisposing Factors and Pathog[illegible]

L10 ANSWER [illegible] DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Central [illegible]S[illegible]-Effects of Various Antibacterial Compounds.

L10 ANSWER [illegible] DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI The Effe[illegible]Different Vigabatrin Treatment Regimens on CSF Biochemistry and Sel[illegible]ntrol in Epileptic Patients.

L10 ANSWE[illegible] DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI A Case [illegible]fi[illegible]cidemia Type I: Effect of Riboflavin and Carnitine.

L10 ANSWER [illegible] DRUGU COPYRIGHT 2001 DERWENT INFORMATION LTD

TI Drugs A ... g Mo...ment Disorders.

L10 ANSWER 3... BI...IS COPYRIGHT 2001 BIOSIS DUPLICATE 7
TI VIGABA...RI... ...E T...EATMENT OF EPILEPSY A DOUBLE-BLIND PLACEBO-CONTROLLED STUDY.

L10 ANSWE... ...5 DR...GU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Anxio...

L10 ANSWER 3... ... EMB...SE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 8
TI Gamma-vi... ...A tr...tment of tardive dyskinesia and other movement disorders...

L10 ANSWER ... ...5 PA...SCAL COPYRIGHT 2001 INIST-CNRS. ALL RIGHTS RESERVED.
TIEN Gamma-v... ...ABA treatment of tardive dyskinesia and other movement disor...

L10 ANSWER 3... ... EMB...SE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 9
TI Progabid... ...e tr...tment of hyperkinetic extrapyramidal movement disorder...

L10 ANSWER 3... ... BI...GIS COPYRIGHT 2001 BIOSIS DUPLICATE 10
TI GLUTARIC-... ...RIA T...PE I PRESENTING WITH HYPOGLYCEMIA.

L10 ANSWER ... ... BIOSIS COPYRIGHT 2001 BIOSIS
TI CONCENTR... ... OF GA...MA AMINO BUTYRIC-ACID AND ADENOSINE IN THE CEREBRO SPINAL F... ...N PRO...ESSIVE MYO CLONUS EPILEPSY WITHOUT LAFORAS BODIES.

L10 ANSWER ... ...5 L...GU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Clonaze... ...Tourette's Syndrome.

L10 ANSWER 4... ... BI...GIS COPYRIGHT 2001 BIOSIS
TI PHYSIO P... ...GICAL CONSIDERATIONS AND A PHARMACOLOGICAL APPROACH IN THE PATHOL...T... ...E EX...APYRAMIDAL SYSTEM.

L10 ANSWER ... ...5 ...GB COPYRIGHT 2001 DERWENT INFORMATION LTD
TI CLINICA... ...CAR...ES OF THE INITIAL PERIOD OF STUTTERING IN CHILDHO... ...J./.

L10 ANSWER ... ...5 D...GB COPYRIGHT 2001 DERWENT INFORMATION LTD
TI AMINAL...O..., ...W NE...OTROPIC AGENT./RUSS./.

L10 ANSWE... ...5 ...CU COPYRIGHT 2001 DERWENT INFORMATION LTD
TI Neurotr... ...ters...d CNS Disease. Basal Ganglia Disease.

=> d ibib a... ...-4...

L10 ANSWER 1... ... CA...S COPYRIGHT 2001 ACS
ACCESSION N...: ...01:100965 CAPLUS
DOCUMENT NU...: ...34:141757
TITLE: ...ethods and compositions using **GABA** receptor ...dulators for alleviating **stuttering**
INVENTOR(S): ...urphy, John J.; D'orlando, Kay Jorgenson
PATENT ASSI...: ...nterneuron Pharmaceuticals, Inc., USA
SOURCE: ...CT Int. Appl., 22 pp.
...ODEN: PIXXD2
DOCUMENT TY...: ...atent
LANGUAGE: ...nglish
FAMILY ACC. ...NT:

PATENT INFO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001		20010208	WO 2000-US20402	20000727

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-362691 19990729

OTHER SOURCE(S): MARPAT 134:141757

AB Methods for treating **stuttering** include treating people with .gamma.-aminobutyric acid (**GABA**) receptor modulators, including cyclopyrrolones. A second active agent may be used with GABA receptor modulators, including enantiomers, active metabolites, and pharmaceutically acceptable salts of GABA receptor modulators, including cyclopyrrolones, are also described. Pharmaceutical compns. The cyclopyrrolone class of modulators includes pagoclone, suriclone, zopiclone, 2-(7-chloro-2-naphthyridin-8-yl)-3-(5-methyl-2-oxohexyl)isoindolin-1-one, 2-(7-chloro-2-naphthyridin-1,8-yl)isoindolin-1-yl-4-acetamidobutyrate, and 2-(7-chloro-2-naphthyridin-2yl)-3-(5-methyl-5-hydroxy-2-oxohexyl)-1-isoindolinone.

TI Methods for treating **stuttering** using **GABA** receptor modulators for alleviating **stuttering**

AB Methods for treating **stuttering** include treating people with .gamma.-aminobutyric acid (**GABA**) receptor modulators, including cyclopyrrolones. A second active agent may be used with GABA receptor modulators, including enantiomers, active metabolites, and pharmaceutically acceptable salts of GABA receptor modulators, including cyclopyrrolones, are also described. Pharmaceutical compns. The cyclopyrrolone class of modulators includes pagoclone, suriclone, zopiclone, 2-(7-chloro-2-naphthyridin-8-yl)-3-(5-methyl-2-oxohexyl)isoindolin-1-one, 2-(7-chloro-2-naphthyridin-1,8-yl)isoindolin-1-yl-4-acetamidobutyrate, and 2-(7-chloro-2-naphthyridin-2yl)-3-(5-methyl-5-hydroxy-2-oxohexyl)-1-isoindolinone.

ST **GABA** receptor modulator for **stuttering** treatment; cyclopyrrolone **stuttering** treatment

IT Drug delivery systems
(GABA receptor modulators for alleviating **stuttering**)

IT **GABA** receptors
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study)
(GABA receptor modulators for alleviating **stuttering**)

IT **GABA** agonists
(GABA receptor modulators for alleviating **stuttering**)

IT **GABA** receptors
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study)
(GABA receptor modulators for alleviating **stuttering**)

IT Brain, [illegible]
(Gil[illegible] [illegible] ur tte syndrome; **GABA** receptor
modu[illegible] [illegible] viating **stuttering**)
IT Drug del[illegible] sy[illegible]
(buc[illegible] EA [illegible] tor modulators for alleviating
stutt[illegible]
IT Prote[illegible] [illegible] class
RL: BAC[illegible] [illegible] tivity or effector, except adverse); THU
(Therap[illegible] [illegible] (Biological study); USES (Uses)
(dia[illegible] [illegible] hibitory protein and fragments; **GABA**
rec[illegible] [illegible] for alleviating **stuttering**)
IT Nervous [illegible]
(dise[illegible] stu[illegible]g; **GABA** receptor modulators for
alle[illegible] [illegible] ing)
IT Drug d[illegible] sy[illegible]
(e[illegible] BA [illegible] eptor modulators for alleviating
stut[illegible]
IT Drug d[illegible]
(in[illegible] [illegible]; **GABA** receptor modulators for alleviating
stut[illegible]
IT Drug de[illegible] [illegible] ms
(inj[illegible] [illegible]; **GABA** receptor modulators for alleviating
stut[illegible]
IT Drug [illegible] sy[illegible] ms
(i[illegible] [illegible]; **GABA** receptor modulators for alleviating
stut[illegible]
IT Drug de[illegible] [illegible] ms
(in[illegible] [illegible] cular; **GABA** receptor modulators for
all[illegible] [illegible] ing)
IT Drug de[illegible] [illegible] ms
(int[illegible] [illegible] BA receptor modulators for alleviating
stut[illegible]
IT Behavi[illegible]
(m[illegible] [illegible] otor tic; **GABA** receptor modulators for
al[illegible] [illegible] ttering)
IT Drug [illegible] [illegible]
(na[illegible] [illegible] or modulators for alleviating
stut[illegible]
IT Drug d[illegible] sy[illegible] ms
(or[illegible] [illegible] re[illegible] otor modulators for alleviating
stut[illegible]
IT Drug [illegible] sy[illegible] ms
(p[illegible] [illegible] GABA receptor modulators for alleviating
stu[illegible]
IT Drug [illegible] [illegible] ms
(re[illegible] [illegible] tor modulators for alleviating
stut[illegible]
IT Disease[illegible] [illegible]
(sp[illegible] orc[illegible] CABA receptor modulators for alleviating
st[illegible]
IT Drug [illegible] sy[illegible] ms
(t[illegible] [illegible] A receptor modulators for alleviating
st[illegible]
IT Drug [illegible] sy[illegible] ms
(va[illegible] [illegible] ptor modulators for alleviating
stu[illegible]
IT 50-06-[illegible] bar[illegible]tal, biological studies 50-06-6D, Phenobarbital,
enanti[illegible] [illegible] d m[illegible]abolites 53-43-0, Dehydroepiandrosterone 53-43-0D,
Dehyd[illegible] [illegible] os[illegible]ione, enantiomers and metabolites 57-43-2,
Amobarbita

57-43-2D, Amobarbital, enantiomers and metabolites 57-83-0, Progesterone, biological studies 57-83-0D, Progesterone, enantiomers and metabolites 58-25-3, Chlordiazepoxide 58-25-3D, Chlordiazepoxide, enantiomers and metabolites 76-73-3, Secobarbital 76-73-3D, Secobarbital, enantiomers and metabolites 76-74-4, Pentobarbitone 76-74-4D, Pentobarbitone, enantiomers and metabolites 76-75-5, Thiopental 76-75-5D, Thiopental, enantiomers and metabolites 77-02-1, Aprobarbital 77-02-1D, Aprobarbital, enantiomers and metabolites 77-26-9, Butalbital 77-26-9D, Butalbital, enantiomers and metabolites 115-38-8, Mephobarbital 115-38-8D, Mephobarbital, enantiomers and metabolites 125-40-6, Butabarbital 125-40-6D, Butabarbital, enantiomers and metabolites 145-13-1, Pregnenolone 145-13-1D, Pregnenolone, enantiomers and metabolites 151-83-7, Methohexital 151-83-7D, Methohexital, enantiomers and metabolites 439-14-5, Diazepam 439-14-5D, Diazepam, enantiomers and metabolites 485-49-4, Bicuculline 485-49-4D, Bicuculline, enantiomers and metabolites 516-54-1 516-54-1D, enantiomers and metabolites 516-55-2, Allopregnanolone 516-55-2D, Allopregnanolone, enantiomers and metabolites 567-03-3, Tetrahydrodeoxycorticosterone 567-03-3D, Tetrahydrodeoxycorticosterone, enantiomers and metabolites 604-75-1, Oxazepam 604-75-1D, Oxazepam, enantiomers and metabolites 846-49-1, Lorazepam 846-49-1D, Lorazepam, enantiomers and metabolites 846-50-4, Temazepam 846-50-4D, Temazepam, enantiomers and metabolites 1005-93-2, Etbicuphat 1005-93-2D, enantiomers and metabolites 1134-47-0, .+-.-Baclofen 1134-47-0D, .+-.-Baclofen, enantiomers and metabolites 1449-89-4, Mebicyphat 1449-89-4D, enantiomers and metabolites 1622-62-4, Flunitrazepam 1622-62-4D, Flunitrazepam, enantiomers and metabolites 2078-54-8, Propofol 2078-54-8D, Propofol, enantiomers and metabolites 2955-38-6, Prazepam 2955-38-6D, Prazepam, enantiomers and metabolites 3289-22-3, Flucybene 3289-22-3D, enantiomers and metabolites 4406-37-5, Pregnanolone 4406-37-5D, Pregnanolone, enantiomers and metabolites 17617-23-1, Flurazepam 17617-23-1D, Flurazepam, enantiomers and metabolites 17617-45-7, Picrotoxinin 17617-45-7D, Picrotoxinin, enantiomers and metabolites 21416-53-5, Picrotin 21416-53-5D, Picrotin, enantiomers and metabolites 23092-17-3, Halazepam 23092-17-3D, Halazepam, enantiomers and metabolites 23930-19-0 23930-19-0D, enantiomers and metabolites 28911-01-5, Triazolam 28911-01-5D, Triazolam, enantiomers and metabolites 28981-97-7, Alprazolam 28981-97-7D, Alprazolam, enantiomers and metabolites 29617-43-4 29617-43-4D, enantiomers and metabolites 29975-16-4, Estazolam 29975-16-4D, Estazolam, enantiomers and metabolites 33125-97-2, Etomidate 33125-97-2D, Etomidate, enantiomers and metabolites 34[illegible]-87-0, Chlorazepam 34985-87-0D, Chlorazepam, enantiomers and metabolites 36104-80-0, Camazepam 36104-80-0D, Camazepam, enantiomers and metabolites 36735-22-5, Quazepam 36735-22-5D, Quazepam, enantiomers and metabolites 43200-80-2, Zopiclone 43200-80-2D, Zopiclone, enantiomers and metabolites 51052-72-3, Isobicyphat 51052-72-3D, enantiomers and metabolites 51486-74-9, Propylbicyphat 51486-74-9D, enantiomers and metabolites 52463-83-9, Pinazepam 52463-83-9D, Pinazepam, enantiomers and metabolites 53813-83-5, Suriclone 53813-83-5D, Suriclone, enantiomers and metabolites 57109-90-7, Chlorazepate 57109-90-7D, Chlorazepate, enantiomers and metabolites 59467-70-8, Midazolam 59467-70-8D, Midazolam, enantiomers and metabolites 109370-34-5, Avermectin B 109370-34-5D, Avermectin B, enantiomers and metabolites 117705-18-7 117705-18-7D, enantiomers and metabolites 133737-32-3, Pagoclone 133737-32-3D, Pagoclone, enantiomers and metabolites 133737-48-1 133737-48-1D, enantiomers and metabolites 153046-19-6 153046-19-6D,

enantiomers and m[illegible]olites 224790-70-9, Cloflubicyne 224790-70-9D, Cloflubicyne, ena[illegible]mers and metabolites 224790-71-0, Etbicythionat 224790-71-0D, Et[illegible]hionat, enantiomers and metabolites
RL: BAC (Biologic[illegible]ctivity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(GABA receptor m[illegible]ulators for alleviating **stuttering**
)

L10 ANSWER 2 OF 45 TOXLIT
ACCESSION NUMBER: 20[illegible]:?118 TOXLIT
DOCUMENT NUMBER: C[illegible]-141757Z
TITLE: M[illegible]s and compositions using **GABA** receptor mo[illegible]lators for alleviating **stuttering**.
AUTHOR: Mu[illegible]y JJ; D'orlando KJ
SOURCE: (2 0[illegible]. PCT Int. Appl. PATENT NO. 018670 02/08/2001 (Interneuron Pharmaceuticals, Inc.).
CO[illegible]: PIXXD2.
PUB. COUNTRY: UN[illegible]D STATES
DOCUMENT TYPE: Pa[illegible]
FILE SEGMENT: C[illegible]
LANGUAGE: En[illegible]h
OTHER SOURCE: C[illegible]:141757
ENTRY MONTH: 20[illegible]
AB Methods of treat[illegible] **stuttering** include treating people with .gamma.-aminobuty[illegible] acid (**GABA**) receptor modulators, including cyclopyrrolones. [illegible]econd active agent may be used with **GABA** receptor modulat[illegible]. Active enantiomers, active metabolites, and pharmaceutically [illegible]ptable salts of **GABA** receptor modulators, including cyclopy[illegible]ones, are acceptable components of the compns. The cyclopyrrolone cl[illegible] of modulators includes pagoclone, suriclone, zopiclone, 2-(7-chl[illegible]o-2-naphthyridin-1,8-yl)-3-(5-methyl-2-oxohexyl)isoindol[illegible]-one, 2-(7-chloro-2-naphthy[illegible]-1,8-yl)isoindolin-1-yl-4-acetamidobu[illegible]e, and 2-(7-chloro-1,8-naphth[illegible]lin-2yl)-3-(5-methyl-5-hydroxy-2-oxoh[illegible]-1-isoindolinone.
TI Methods and compo[illegible]ons using **GABA** receptor modulators for alleviating **stutt**[illegible]g.
AB Methods of treati[illegible] **stuttering** include treating people with .gamma.-aminobuty[illegible] acid (**GABA**) receptor modulators, including cyclopyrrolones. [illegible]econd active agent may be used with **GABA** receptor modula[illegible]. Active enantiomers, active metabolites, and pharmaceutically [illegible]ptable salts of **GABA** receptor modulators, including cyclopy[illegible]ones, are acceptable components of the compns. The cyclopyrrolone c[illegible] of modulators includes pagoclone, suriclone, zopiclone, 2-(7-[illegible]-2-naphthyridin-1,8-yl)-3-(5-methyl-2-oxohexyl)isoinde[illegible]-one,. . .
ST **GABA** receptor mo[illegible]or **stuttering** treatment; cyclopyrrolone c[illegible] stuttering treatmen

L10 ANSWER 3 OF 45 [illegible]FULL
ACCESSION NUMBER: [illegible]1:4769 USPATFULL
TITLE: [illegible]anidinylamino heterocycle compounds useful as alpha-2
[illegible] enoceptor agonists
INVENTOR(S): [illegible]ps, Thomas Lee, Norwich, NY, United States
[illegible]dan, Sophie Eva, Maineville, OH, United States
[illegible]ry, Raymond Todd, Pleasant Plain, OH, United States
[illegible]eldon, Russell James, Fairfield, OH, United States
[illegible]bel, William Lee, Hamilton, OH, United States

PATENT ASSIGNEE(S): es, Jeffrey Joseph, Hamilton, OH, United States
e Procter & Gamble Company, Cincinnati, OH, United
ates (U.S. corporation)

	NUMBER	DATE	
PATENT INFORMATION:	6172095	20010109	
	9823591	19980604	
APPLICATION INFO.:	1999-308790	19990809	(9)
	1997-US20550	19971121	
		19990809	PCT 371 date
		19990809	PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	1996-31756	19961125 (60)

DOCUMENT TYPE: ent
PRIMARY EXAMINER: man, D. Margaret
LEGAL REPRESENTATIVE: lerman, James C.; Roof, Carl J.
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
LINE COUNT: 05
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention in lves compounds having the structure (I) as described in the claims, an nantiomers,optical isomers, stereoisomers, diastereomers, ta mers, addition salts, biohydrolyzable amides and esters thereof, a ell as pharmaceutical compositions comprising such novel compounds. e invention also relates to the use of such compounds for preventing or reating disorders modulated by alpha-2 adrenoceptors.
##STR1#

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
DETD . . . to respiratory challenges such as inhaled citric acid. (See, e.g., Callaway, J. R. King, "Effects of Inhaled .alpha.2-Adrenoceptor and GABA.sub.B Receptor Agonists on Citric Acid-Induced Cough and Tidal Volume anges in Guinea Pigs", European Journal of Pharmacology, Vol. 220 (1992),. . . The effectiveness of other alpha-2 agonists the management of neurologic disorders has been demonstrated, including attention-deficit hyperactive disorder and Tourette's syndrome (See, e.g., Chappell P., M. Riddle, L. Scahill, K. Lynch, R. Schultz, A. Amsten, J. Leckman & D. Cohen, "Guanfacine treatment of comorbid attention-deficit hyperactivity disorder and Tourette's syndrome: preliminary clinical experience", Journal of American Academy of Child and Adolescent Psychiatry, V 1. (1995), pp. 1140-1146), cognitive disorders. . .

L10 ANSWER 45 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.DUPLICATE 1
ACCESSION NUMBER: 2001 0362 EMBASE Alert (EMBAL)
TITLE: n treatment in Tourette syndrome: A double-blind, -controlled, crossover trial.
AUTHOR: i.S.; Wendlandt J.; Krieger M.; Giuliano J.
CORPORATE : J. Singer, Johns Hopkins Hospital, Harvey 811, 600 N. Street, Baltimore, MD 21287-8811, United States.
in r@jhmi.edu
SOURCE: ogy, (13 Mar 2001) 56/5 (599-604). Refs: 32.
NEURA ISSN: 0028-3878

PUB. COUNT : ite States
DOCUMENT T tic e
LANGUAGE: gli h
SUMMARY LA gli h
AB Objec es igate the effectiveness of baclofen for the treatment
of ti en with **Tourette** syndrome (TS). Background:
Baclo ontains both .gamma.-aminobutyric acid (**GABA**)
and p mine moieties, was suggested in an open-label protocol to
be an treatment for TS. This is a double-blind,
place d study to investigate this medication in children with
TS. M ects received, in a randomized sequence, 4-week
medic of baclofen (20 mg three times daily) and placebo with
a
2-wee g washout period between the cycles. Outcome measures
inclu ical Global Impression (CGI) scale, and the Yale Global
Tic S e (YGTSS), the latter including subscales for total tics
and o rment. Measures were assessed at baseline and on days
28,
42, a study. Results: Ten children (seven boys and three
girls 14) with TS participated. Nine subjects completed the
proto pped out for psychosocial reasons. No major side effects
were e mean change in CGI score (-0.9) after 4 weeks of
baclo t as compared with placebo treatment showed a
significa
impro CI, -1.7 to -0.1; p = 0.04). All subjects showed some
ameli otal YGTSS score during baclofen treatment. The mean
chang GTSS score (-14.7) approached significance (95% CI,
-30.3
to 0. . Examination of differences between baclofen and
placebo
treat expressed as a percent change from baseline showed that
baclo atistically significant effect on both outcome measures.
Subsc YGTSS showed that the reduction in total tic scores was
prima a reduction in the impairment score rather than a
decre . Conclusions: Children with TS may benefit from
treatment
with though improvements may be related to factors other than
tics. ies directly comparing baclofen against other
tic-s gents are recommended.
AB Objec estigate the effectiveness of baclofen for the treatment
of ti en with **Tourette** syndrome (TS). Background:
Baclo ontains both .gamma.-aminobutyric acid (**GABA**)
and p ine moieties, was suggested in an open-label protocol to
be a reatment for TS. This is a double-blind,. . .

L10 ANSWE APLUS COPYRIGHT 2001 ACS DUPLICATE 2
ACCESSION 2000:688058 CAPLUS
DOCUMENT N 133:261534
TITLE: Treatment of post-traumatic stress disorder, obsessive-compulsive disorder and related neuropsychiatric disorders
INVENTOR(S Fogel, Barry S.
PATENT ASS Synchroneuron, Llc, USA
SOURCE: PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DOCUMENT T Patent
LANGUAGE: English
FAMILY ACC T: 1
PATENT INF

PATEN	KIND	DATE	APPLICATION NO.	DATE
WO 20	A2	20000928	WO 2000-US7119	20000317
WO 20	A3	20001228		

W· CH, CN, JP, MX, NZ
R CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,

PRIORITY A : US 1999-273036 19990319

AB The p ntion describes a novel treatment for neuropsychiatric disor ding anxiety disorders, mood disorders, psychotic disor oform disorders, and neuropsychiatric symptoms resulting from sorders. The treatment of the present invention utilizes any a imultaneously act as NMDA-type glutamate receptor antag GABA-A receptor agonists. Preferably these two activities are c ic of a single agent, for example acamprosate (calcium N-ace inate). Alternatively, sep. agents having these activ e combined as a compd. or mixt. and thereby administered toget nvention also provides for a third agent that acts as a non-c MDA-receptor blocking agent or ion channel blocker, that augme ect of the primary treatment. A particularly preferred ion c king agent is magnesium.

IT Brain,
(G **Tourette** syndrome; post-traumatic stress
di essive-compulsive disorder and related neuropsychiatric
di atment with NMDA glutamate antagonists and **GABA**
A

L10 ANSWE OF USPATFULL

ACCESSION BER:	2000:171042 USPATFULL
TITLE:	2-imidazolinylaminoindole compounds useful as alpha-2 adrenoceptor agonists
INVENTOR(S)	Henry, Raymond Todd, Pleasant Plain, OH, United States Sheldon, Russell James, Fairfield, OH, United States Seibel, William Lee, Hamilton, OH, United States
PATENT ASS EE(S	The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	DATE
PATENT INF MATION	US 6162818	20001219
APPLICATIO INFO.:	US 1999-290731	19990413 (9)
RELATED AP N. INF	Continuation of Ser. No. WO 1997-US20801, filed on 21 Nov 1997	

	NUMBER	DATE
PRIORITY I ORMATI	US 1996-31777	19961111 (60)

DOCUMENT T E:	Utility
PRIMARY EX INER:	McKane, Joseph K.
ASSISTANT AMINER	Oswecki, Jane C.
LEGAL REPR ENTATI	Bott, Cynthia M.; Kellerman, James C.; Clark, Karen F.
NUMBER OF AIMS:	42
EXEMPLARY AIM:	1
LINE COUNT:	2524

CAS INDEXI IS AV ABLE FOR THIS PATENT.

AB This invent involves compounds having the following structure:
##S .1## wh ein: a) R.sub.1 is hydrogen; or alkyl; bond (a) is a single
or double nd;

b) R.sub.2 and R.sub.3 are each independently selected from hydrogen; unsubstituted C.sub.1 -C.sub.3 alkanyl, alkenyl or alkynyl; cycloalkanyl; cycloalkenyl; unsubstituted C.sub.1 -C.sub.3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; C.sub.1 -C.sub.3 alkylamino or C.sub.1 -C.sub.3 dialkylamino and halo;

c) R.sub.4, R.sub.5 and R.sub.6 are each independently selected from hydrogen; unsubstituted C.sub.1 -C.sub.3 alkanyl, alkenyl or alkynyl; cycloalkanyl; cycloalkenyl; unsubstituted C.sub.1 -C.sub.3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; C.sub.1 -C.sub.3 alkylamino or C.sub.1 -C.sub.3 dialkylamino; halo; and 2-imidazolinylamino; and wherein one and only one of R.sub.4, R.sub.5 and R.sub.6 is 2-imidazolinylamino;

d) R.sub.7 is selected from hydrogen; unsubstituted C.sub.1 -C.sub.3 alkanyl, alkenyl or alkynyl; cycloalkanyl, cycloalkenyl; unsubstituted C.sub.1 -C.sub.3 alkylthio or alkoxy; hydroxy; thio; nitro; cyano; amino; C.sub.1 -C.sub.3 alkylamino or C.sub.1 -C.sub.3 dialkylamino and halo;

e) the compound is not 4-(2-imidazolinylamino)indole;

enantiomers, optical isomers, stereoisomers, diastereomers, tautomers, addition salts, biohydrolyzable amides and esters thereof, and pharmaceutical compositions comprising such novel compounds. The invention also relates to the use of such compounds for treating disorders modulated by alpha-2 adrenoceptors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . to respiratory challenges such as inhaled citric acid. (See, e.g., Callaway, J. & R. King, "Effects of Inhaled .alpha.2-Adrenoceptor and GABA.sub B Receptor Agonists on Citric Acid-Induced Cough and Tidal Volume Changes in Guinea Pigs", European Journal of Pharmacology, Vol. 220 (1992),. . . The effectiveness of other alpha-2 agonists in the management of neurologic disorders has been demonstrated including attention-deficit hyperactive disorder and **Tourette**'s syndrome (See, e.g., Chappell P., M. Riddle, L. Scahill, K. Lynch, R. Schultz, A. Arnsten, J. Leckman & D. Cohen, "Guanfacine treatment of comorbid attention-deficit hyperactivity disorder and **Tourette**'s syndrome: preliminary clinical experience", Journal of American Academy of Child and Adolescent Psychiatry, Vol. 34 (1995), pp. 1140-1146), cognitive disorders. . .

L10 ANSWER 7 OF 45 USPATFULL

ACCESSION NUMBER:	2000:137814 USPATFULL
TITLE:	Allelic polygene diagnosis of reward deficiency syndrome and treatment
INVENTOR(S):	Blum, Kenneth, San Antonio, TX, United States
PATENT ASSIGNEE(S):	City of Hope National Medical Center, Duarte, CA, United States (U.S. corporation) The University of Texas System AMD Board of Regents, Austin, TX, United States (U.S. corporation)

	NUMBER	DATE	
PATENT INFORMATION:	US 6132724	20001017	
APPLICATION INFO.:	US 1998-69886	19980429	(9)
DOCUMENT TYPE:	Utility		

PRIMARY EXAMINER: Witz, Jean C.
LEGAL REPRESENTATIV : Hodgins, Daniel S.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 8 Drawing Page(s)
LINE COUNT: 20845

AB Enhancement of attentional processing is attained by administration of an endorphinase inhibitor or enkephalinase inhibitor and optionally, a dopamine precursor, or a serotonin precursor, a GABA precursor, or an endorphin or enkephalinase releaser, or certain herbal compounds including Rhodiola rosea extract (Pharmaline) and/or Huperzine. These components promote restoration of normal neurotransmitter function and the components combined enhance the release of dopamine at the nucleus accumbens and are non-addictive. Use of the dopamine precursors L-phenylalanine, or L-Tyrosine, the enkephalinase inhibitor D-phenylalanine, and/or the serotonin precursor -hydroxytryptophan and a natural acetylcholenesterase inhibitor and chromium salts (i.e. picolinate, nicotinate, etc.) is especially preferred, but not limited to assist in relieving symptoms associated with brain phenylalanine deficiency.

DETD . . . a number of receptors are involved in various types of substance abuse including dopamine, serotonin, cannabinoid, nitric oxide, nicotinic muscarinic, **GABA**, and others. The diagnosis of Tourette's syndrome is dependent upon the presence of motor tics, and dopamine plays a major role in the regulation of muscle. . .

L10 ANSWER 8 OF 45 USPATFULL
ACCESSION NUMBER: 2000:121514 USPATFULL
TITLE: 6-(2-imidazolinylamino)quinoxaline compounds useful as alpha-2 adrenoceptor agonists
INVENTOR(S): Maurer, Peter J., Cincinnati, OH, United States
Henry, Raymond T., Pleasant Plain, OH, United States
Sheldon, Russell James, Fairfield, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 6117871	20000912
APPLICATION INFO.:	US 1996-755941	19961125 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-496707, filed on 29 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1993-169785, filed on 17 Dec 1993, now abandoned	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Fay, Zohreh	
LEGAL REPRESENTATIVE:	Bott, Cynthia M.; Kellerman, James C.; Suter, David L.	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1432	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to methods of treating alpha-2 adrenoceptor modulated disorders, comprising administration, to a mammal in need of such treatment, of a safe and effective amount of a compound having the following structure: ##STR1## wherein: (a) R is unsubstituted C.sub.1 -C.sub.3 alkanyl or alkenyl; and

(b) ' is s: ected from hydrogen; unsubstituted C.sub.1 -C.sub.3 alkanyl
or . kenyl; nsubstituted C.sub.1 -C.sub.3 alkylthio or alkoxy; hydroxy;
thi ; and lo.

The bject nvention also relates compounds and compositions for pre tting treating of disorders modulated by alpha-2 adr recep s.

CAS INDEXI IS AV LABLE FOR THIS PATENT.
DETD . . . to espiratory challenges such as inhaled citric acid. (See, e.g. Calla , J. & R. King, "Effects of Inhaled .alpha.2-Adrenoceptor and ABA.sub 3 Receptor Agonists on Citric Acid-Induced Cough and idal V me Changes in Guinea Pigs", European Journal of Pha colog Vol. 220 (1992),. . . The effectiveness of other alp -2 ago ts in the management of neurologic disorders has been dem trate including attention-deficit hyperactive disorder and **Tour tte's** drome (See, e.g., Chappell P., M. Riddle, L. Sca l, K. ynch, R. Schultz, A. Arnsten, J. Leckman & D. Cohen, "Gu facine eatment of comorbid attention-deficit hyperactivity dis der an **Tourette's** syndrome: preliminary clinical exp ence", Journal of American Academy of Child and Adolescent Psy iatry, l. 34 (1995), pp. 1140-1146), cognitive disorders. . .

L10 ANSWE OF USPATFULL
ACCESSION BER: 2000:113979 USPATFULL
TITLE: 2-imidazolinylaminobenzoxazole compounds useful as alpha-2 adrenoceptor agonists
INVENTOR(S : Henry, Raymond Todd, Pleasant Plain, OH, United States
Sheldon, Russell James, Fairfield, OH, United States
Seibel, William Lee, Hamilton, OH, United States
PATENT ASS E(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	DATE	
PATENT INF ATIO:	US 6110952	20000829	
	WO 9823611	19980604	
APPLICATIC INFO.:	US 1999-308792	19990809	(9)
	WO 1997-US20803	19971121	
		19990809	PCT 371 date
		19990809	PCT 102(e) date

	NUMBER	DATE
PRIORITY I: HAT A:	US 1996-31787	19961125 (60)

DOCUMENT T :: Utility
PRIMARY E INER: McKane, Joseph
ASSISTANT INE : Wright, Sonya N
LEGAL REPR IAT : Kellerman, James C.; Roof, Carl J.
NUMBER OF IM: 42
EXEMPLARY IM: 1
LINE COUNT 1879
CAS INDEXI IS A ABLE FOR THIS PATENT.
AB Thi . relateds to compounds of formula I, (2-imi olin ino)benzoxazoles. The compounds have been found to be alp cepto agonists and are useful for treatment of disorders moc lpha-2 adrenoceptors.

CAS INDEXI [illegible] ABLE FOR THIS PATENT.
DETD . . spiratory challenges such as inhaled citric acid. (See,
e.g [illegible], J. & R. King, "Effects of Inhaled .alpha.2-Adrenoceptor
and BA.s [illegible] Receptor Agonists on Citric Acid-Induced Cough
and [illegible]me Changes in Guinea Pigs", European Journal of
Pha [illegible] Vol. 220 (1992),. . . The effectiveness of other
alp [illegible]sts in the management of neurologic disorders has been
dem [illegible] including attention-deficit hyperactive disorder and
Tou [illegible]drome (See, e.g., Chappell P., M. Riddle, L.
Sca [illegible]ch, R. Schultz, A. Arnsten, J. Leckman & D. Cohen,
"Gu [illegible]eatment of comorbid attention-deficit hyperactivity
dis [illegible] **Tourette**'s syndrome: preliminary clinical
exp [illegible]ournal of American Academy of Child and Adolescent
Psy [illegible] 34 (1995), pp. 1140-1146), cognitive disorders. . .

L10 ANSWE [illegible] USPATFULL
ACCESSION [illegible]R: 2000:54156 USPATFULL
TITLE: Methods of treating tardive dyskinesia and other movement disorders using NMDA receptor antagonists
INVENTOR(S [illegible] Fogel, Barry S., Waban, MA, United States
PATENT ASS [illegible] Synchroneuron, LLC, Waban, MA, United States (U.S. corporation)

	NUMBER	DATE
PATENT INF [illegible]	US 6057373	20000502
APPLICATIO [illegible]	US 1999-224829	19990104 (9)
RELATED AP [illegible]	Continuation-in-part of Ser. No. US 1997-861801, filed on 22 May 1997, now patented, Pat. No. US 5866585	

DOCUMENT T [illegible] Utility
PRIMARY EX [illegible] MacMillan, Keith D.
ASSISTANT [illegible] Kim, Vickie Y.
LEGAL REPR [illegible] Choate, Hall & Stewart; Pasternack, Sam
NUMBER OF [illegible] 52
EXEMPLARY [illegible] 1
LINE COUNT 1728
CAS INDEXI [illegible] ABLE FOR THIS PATENT.
AB The [illegible]vention describes a novel treatment for movement
dis [illegible]rs, including tardive dyskinesia and tardive dystonia, and focal
dys [illegible]ue to neuroleptics, including blepharospasm, Meige
syn [illegible], occupational dystonias. The treatment of the present
inv [illegible]izes agents that act as NMDA-type glutamate receptor
ant [illegible] invention also involves the use of an ion channel
blo [illegible] to augment the therapeutic action of the drug treatments
des [illegible]. Particularly preferred ion channel blocking agent is
may [illegible].

CAS INDEXI [illegible] BLE FOR THIS PATENT.
SUMM And [illegible]roleptic treatment, clonazepam, a benzodiazepine with
GAB [illegible]tonergic actions, has some efficacy in the
tre [illegible] **Tourette**'s syndrome (Steingard et al., J. Am Acad
Chi [illegible]sychiatry, March-April, 33:394-9, 1994). Sedation and
att [illegible]e dosage of. . .
DETD As [illegible], GABA-A agonists alone are not particularly
pos [illegible]s of tics. Therefore, NMDA antagonism is likely a
nec [illegible] of the therapeutic. . . of memantine is more important
tha [illegible]ne agonism. Evidence disclosed herein suggests that

mo rs, such as tics and **Tourette**'s, will respond
in lar to tardive movement disorders to drug therapies
ha gonist activity.

L10 ANSW PIDS COPYRIGHT 2001 DERWENT INFORMATION LTD
ACCESSION 001-071285 [08] WPIDS
DOC. NO. C 2001-019987
TITLE: dentifying genes of interest and relevance to eurological disorders or dysfunctions such as arkinson's disease involves use of biological array ncluding all genes associated with neurotransmitter olecules.
DERWENT C 04 D16
INVENTOR(REEK, M J; LAFORGE, K S; SPANGLER, R
PATENT AS. UYRQ) UNIV ROCKEFELLER
COUNTRY C 3
PATENT IN IC

PATE		ATE	WEEK	LA	PG
WO 2	2	001221 (200108)*		EN	76
R	B	DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ			
	O	SE SL SZ TZ UG ZW			
		AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ			
	E	GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK			
	L	LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG			
	S	TM TR TT TZ UA UG US UZ VN YU ZA ZW			

APPLICATIO AI

PATE	APPLICATION	DATE
WO 2	WO 2000-US16706	20000616

PRIORITY A S 1999-334113 19990616
AN 2001- 5 WPIDS
AB WO 2 3: 20010207
NOVE Ic ing genetic predisposition to, susceptibility to
deve nt aracteristics of, or persistence of physiological or
path nse to, a neurotransmitter factor-related condition
(NFC identifying genetic polymorphisms in neurotransmitter
gene ith NFC, using a multiple biological sample array, is
new.
RIPTION - An INDEPENDENT CLAIM is also included for
maki ogical chip plate (I), comprising attaching a wafer
comp urface, a set of probe arrays (II) each comprising a
coll es, at least two of which, are different, and arranged
in s ed and physically addressable manner, to a body
comp f defined spaces. (II) is selected from a family of
neur enes known to be affected by exposure to addictive
agen hol. The probes are selected from a family of
neur enes known to be involved in a neurological disorder or
dysf nse to strain, stress, gastrointestinal function,
immune
func ive function or signal transduction. The method
comp a material resistant to the flow of a liquid, to
surf arrays, creating test wells.
ing a biological chip plate which is useful for
iden c predisposition to, susceptibility to development of,

char , or persistence of physiological or pathological
resp genetic polymorphisms or gene expression in several
neur nes, preferably opioid system genes, associated with
the plates are useful in prognosis of neurological
disorders
such ac schizophrenia, Tourette syndrome, drug abuse,
attention
defi di anxiety, depression obsessive-compulsive disorder,
stro ob esponse to pain, hypertension, vascular disorders,
migr lzheimer's disease, aggressive behavior, premenstrual
synd neuropathy, suppression of alcohol intake, and
Park e. (All claimed). A DNA array can determine the
part of a pathogenic organism based on characteristic DNA
sequ s rain.
Al he array provides a multifunction analytical
capabilit
as i lo udy of RNA abnormalities or polymorphisms, and
part e nucleotide polymorphisms. It will yield quantitative
infc physiological and/or pathological condition of the
test
subj analysis of the DNA of the subject will provide
infc ng subject genotype and corresponding genetic
pred si methods allow many tests to be set up and processed
toge hey allow much higher throughput of test samples,
these
meth gr rove the efficiency of performing assays on biological
chip logical and genetic conditions can be identified using
the s is rapid and inexpensive.
Dwg.
TECH. .
aden DARPP-32, dopamine D1 receptor, dopamine D2 receptor,
and acetylcholine receptor genes such as -E and subtypes,
GABA tyric acid) receptor (muscarinic) genes,
glut e genes, and NMDA (undefined) receptor genes and the
neu ns nes are associated with. . . as opiate, cocaine,
herc ddiction. The neurotransmitter genes are involved in a
neu er such as addiction, schizophrenia, **Tourette**
synd se, attention deficit disorder, anxiety, depression
obse ve disorder, stroke, obesity, response to pain,
hype lar disorders, migraine, nausea,. . .

L10 ANS 2 IDS COPYRIGHT 2001 DERWENT INFORMATION LTD
ACCESSION BE 00-411597 [35] WPIDS
CROSS RE CE 99-444313 [37]
DOC. NO. 00-124615
TITLE: eating movement disorders using agents which increase
ABA-A neurotransmission and decrease NMDA-glutamate
eurotransmission.
DERWENT C) B06
INVENTOR(EL, B S
PATENT AS (NC-N) SYNCHRONEURON LLC
COUNTRY (4
PATENT I T

PATI	E	WEEK	LA	PG
WO 2	00525 (200035)*	EN	61	
	E DK ES FI FR GB GR IE IT LU MC NL PT SE			
	2 MX NZ			
AU 2	00605 (200042)			

APPLICATI

PATE	APPLICATION	DATE
WO 2	WO 1999-US27343	19991118
AU 2	AU 2000-17347	19991118

FILING DE

PATE	PATENT NO
AU 2	ased on WO 200028999

PRIORITY 1998-193892 19981118
AN 200C IPIDS
CR 199
AB WO 2 B: 20000905
NOVE l for treating movement disorders comprises
administe
an a creases GABA-A neurotransmission and decreases
NMD neurotransmission to a patient with a movement disorder.
XIPTION - INDEPENDENT CLAIMS are included for:
for treating movement disorders which comprises
sele gent (I) that acts as a GABA-A receptor agonist and a
secc which acts as a NMDA-type glutamate receptor antagonist
and them to the patient;
for assessing risk of developing a neuroleptic or
dopa blocker-induced movement disorder which comprises
perf d tests of total body magnesium status;
for preventing neuroleptic or dopamine receptor
bloc ement disorders and for treating movement disorders
whic inistering magnesium ions; and
hods/compositions based upon various combinations of
the
ti-dyskinesia.
ACTION - NMDA Receptor antagonist; GABA-A agonist.
treat simple or multiple tics, **Tourette's**
sync istonias, blepharospasm and Meige syndrome. The
disorders
are ed to **GABA** deficiency in the basal ganglia
or t d excitotoxicity (all claimed). The method may be
used
to t kinesia and movement disorders induced by exposure to
neu sychotic) drugs.
Dwg.
AB
- A

ACTION - NMDA Receptor antagonist; GABA-A agonist.
treat simple or multiple tics, **Tourette's**
sync onias, blepharospasm and Meige syndrome. The
disorders
are ed to **GABA** deficiency in the basal ganglia
or t d excitotoxicity (all claimed). The method may be
used
to t kinesia. . .

L10 ANS ASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
ACCESSIO 04103 EMBASE
TITLE: l deficiency syndrome: A biogenetic model for the

...osis and treatment of impulsive, addictive, and ...sive behaviors.

AUTHOR: ...; Braverman E.R.; Holder J.M.; Lubar J.F.; Monastra ... Miller D.; Lubar J.O.; Chen T.J.H.; Comings D.E.

CORPORATE ... Blum, Department of Biological Sciences, University ...th Texas, Denton, TX, United States

SOURCE: ...nal of Psychoactive Drugs, (2000) 32/SUPPL. (1-112). ...s: 638

...N: 0279-1072 CODEN: JPDRD3

COUNTRY: ... States

DOCUMENT ...; General Review

FILE SEGM ... Human Genetics
Clinical Biochemistry
Psychiatry
Drug Literature Index
Drug Dependence, Alcohol Abuse and Alcoholism

LANGUAGE: ...sh

SUMMARY L... ...sh.

AB The ...tem, and in particular the dopamine D(2) receptor, has been ...ward mechanisms. The net effect of neurotransmitter inte... ...solimbic brain region induces 'reward' when dopamine (DA) ...n the neuron at the nucleus accumbens and interacts with ... receptor. 'The reward cascade' involves the release of s... ...in turn at the hypothalmus stimulates enkephalin, whic... ...s GABA at the substania nigra, which in turn... ...mount of DA released at the nucleus accumbens or 'rew... ...ll known that under normal conditions in the reward site... ...tain our normal drives. In fact, DA has become to be kno... ...e molecule' and/or the 'antistress molecule.' When DA is r... ...synapse, it stimulates a number a DA receptors (D1-... ...s in increased feelings of well-being and stress redu... ...s of the literature suggests that when there is a dysf... ...in reward cascade, which could be caused by certain gene... ...genic), especially in the DA system causing a hypo... ...t, the brain of that person requires a DA fix to feel good ... ...s to multiple drug-seeking behavior. This is so beca... ...caine, heroin, marijuana, nicotine, and glucose all caus... ...neuronal release of brain DA, which could heal the abno... ...rtainly after ten years of study we could say with confi... ...rs of the DAD2 receptor A1 allele have compromised D(2)... ...re lack of D2 receptors causes individuals to have a hi... ...e addictive, impulsive and compulsive behavioral proc... ...severe alcohohsm, cocaine, heroin, marijuana and nicc... ...bingeing, pathological gambling, sex addiction, ADHD... ...rome, autism, chronic violence, post... ...disorder, schizoid/avoidant cluster, conduct disorder and ...r. In order to explain the breakdown of the reward case... ...ltiple genes and environmental stimuli (pl... ...tant aberrant behaviors, Blum united this hyp... ...nder the rubric of a reward deficiency syndrome. AB ... ...cade' involves the release of serotonin, which in turn... ...stimulates enkephalin, which in turn inhibits GABA... ...nigra, which in turn fine tunes the amount of D... ...ucleus accumbens or 'reward. . . compulsive beha... ...s, such as severe alcohohsm, cocaine, heroin,

mari…e, glucose bingeing, pathological gambling, sex
addi… …e s Syndrome, autism, chronic violence,
pos… …rder, schizoid/avoidant cluster, conduct
disorder
and … In order to explain the. . .

L10 ANS… COPYRIGHT 2001 BIOSIS
ACCESSIO… 76 BIOSIS
DOCUMENT … 054076
TITLE: …iciency syndrome: A biogenetic model for the
… and treatment of impulsive, addictive, and
… behaviors.
AUTHOR(S): …eth (1); Braverman, Eric R.; Holder, Jay M.;
… F.; Monastra, Vincent J.; Miller, David;
Lubar,
…; Chen, Thomas J. H.; Comings, David E.
CORPORATE: …rtment of Biological Sciences, University of North
…ton, TX USA
SOURCE: … Psychoactive Drugs, (November, 2000) Vol. 32,
…ment, pp. i-iv, 1-112. print.
…-1072.
DOCUMENT … view
LANGUAGE:
SUMMARY …
AB The …, and in particular the dopamine D2 receptor, has
bee… …d mechanisms. The net effect of neurotransmitter
inte… …mbic brain region induces "reward" when dopamine
(DA) … neuron at the nucleus accumbens and interacts
with … …or. "The reward cascade" involves the release of
serc… … at the hypothalmus stimulates enkephalin, which
in … … the substania nigra, which in turn fine
tune… … released at the nucleus accumbens or "reward
site."
It … …der normal conditions in the reward site DA works
to … …ives. In fact, DA has become to be known as the
"ple… … the "antistress molecule." When DA is released
into … …ulates a number a DA receptors (D1-D5) which
resu… …ings of well-being and stress reduction. A
cons… …re suggests that when there is a dysfunction in
the …, which could be caused by certain genetic
vari… …pecially in the DA system causing a
hypo… …he brain of that person requires a DA fix to
feel
good… multiple drug-seeking behavior. This is so
beca… heroin, marijuana, nicotine, and glucose all
caus… …onal release of brain DA, which could heal the
abno… …nly after ten years of study we could say with
cont… of the DAD2 receptor A1 allele have compromised
D2 … ack of D2 receptors causes individuals to have a
high… …dictive, impulsive and compulsive behavioral
proj… …ere alcoholism, cocaine, heroin, marijuana and
nico… …geing, pathological gambling, sex addiction,
ADH… …, autism, chronic violence,
pos… …der, schizoid/avoidant cluster, conduct
disorder
and … In order to explain the breakdown of the reward
cas… …ple genes and environmental stimuli
(pl… …ant aberrant behaviors, Blum united this
hyp… …der the rubric of a reward deficiency syndrome.
AB. … …" involves the release of serotonin, which in

tur: stimulates enkephalin, which in turn inhibits
GAB gra, which in turn fine tunes the amount
of : cleus accumbens or "reward. . . compulsive
beha such as severe alcoholism, cocaine, heroin,
mari a. . se, glucose bingeing, pathological gambling, sex
addi ? ...e's Syndrome, autism, chronic violence,
post. . t' order, schizoid/avoidant cluster, conduct
disorder
and ... In order to explain the breakdown. . .

L10 ANS : COPYRIGHT 2001 ACS DUPLICATE 3
ACCESSIO. :464180 CAPLUS
DOCUMENT 111440
TITLE: ds using agents simultaneously acting as
-type glutamate receptor antagonists and GABA-A
ptor agonists for treating tardive dyskinesia and
movement disorders
INVENTOR . l, Barry S.
PATENT A: hroneuron, LLC, USA
SOURCE: Int. Appl., 106 pp.
I: PIXXD2
DOCUMENT nt
LANGUAGE: sh
FAMILY A: . (
PATENT II: D

PATI	ATE	APPLICATION NO.	DATE
WO	9990722	WO 1999-US144	19990113
WO .	9991202		
	JP, MX, NZ		
, E	E, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,		
, P			
US 9	9990914	US 1998-6641	19980113
US 6	0000502	US 1999-224829	19990104
AU 9	9990802	AU 1999-21041	19990113
EP 1	0001102	EP 1999-901314	19990113
F,	DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,		
,			
WO 2	0000525	WO 1999-US27343	19991118
WO 2 3	000720		
, 7	P, MX, NZ		
, E	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,		
, SE			

PRIORITY IFO.

US 1998-6641	19980113
US 1998-193892	19981118
US 1999-224829	19990104
US 1997-861801	19970522
WO 1999-US144	19990113

AB The . reatments for movement disorders, including
tar . rdive dystonia, tic disorders, Tourette's
sync . and other focal dystonias. The treatments use
ager . simu . ly act as NMDA-type glutamate receptor
anta . e treatments of the invention use agents that
sim y DA-type glutamate receptor antagonists and GABA-A
rec . rably, these two activities are characteristic
of
a s . prosate. Alternatively, sep. agents having
these
acti . d and administered together. The invention also

pro… a third …at can be used in combination with a treatment
for …ent disc… …hat acts as a non-competitive NMDA-receptor
blo… agent o… …nnel blocker that augments the effect of the
pri… …reatment …ticularly preferred ion channel blocking agent
is
magn…s . Alter…, magnesium can be administered alone for
pre… n and tr… of movement disorders.
IT Bra… …sease
…s de la …e syndrome; agents simultaneously acting
… A-type c… …receptor antagonists and **GABA**-A
… or agoni… …treatment of movement disorders)

L10 ANS… … OF 45 …
ACCESSIO… N …ER: 19… …TOXLIT
DOCUMENT …U… R: CA… …440M
TITLE: Me…
…sing agents simultaneously acting as NMDA-type
gl… …receptor antagonists and GABA-A receptor
agonists
fo… …ng tardive dyskinesia and other movement
di…
AUTHOR: Fo…
SOURCE: (1… …T Int. Appl. PATENT NO. 9936064 07/22/1999
(S… …uron, LLC).
CO… …XD2.
PUB. COU… UN… …TES
DOCUMENT … : Pa…
FILE SEG… CA…
LANGUAGE: En…
OTHER SO… CA… …440
ENTRY MO… 19…
AB The … …ntion des… …treatments for movement disorders, including
tard…iv… …dyskinesi… …rdive dystonia, tic disorders, **Tourette**
's …yn… …ome, blep… …m, and other focal dystonias. The treatments use
age… …hat simul… …y act as NMDA-type glutamate receptor
ant… …sts. Addn… …treatments of the invention use agents that
simu… …eously ac… …A-type glutamate receptor antagonists and
GAB… …eceptor a… …. Preferably, these two activities are
cha… …ristic of … …e agent, e.g. acamprosate. Alternatively, sep.
age… …aving thes… …vities can be combined and administered together.
The … …ntion als… …les a third agent that can be used in combination
wit… a …reatment … …ment disorders, that acts as a non-competitive
NMD…-… …eptor blo… …ent or ion channel blocker that augments the
eff… …f the pri… …atment. A particularly preferred ion channel
blo… agent is … …um. Alternatively, magnesium can be administered
alon… …r preventi… …treatment of movement disorders.
AB The … …ntion des… …reatments for movement disorders, including
tar… …dyskinesi… …rdive dystonia, tic disorders, **Tourette**
's … …ome, blep… …m, and other focal dystonias. The treatments use
age…s …hat simult… …y act as NMDA-type glutamate receptor
ant…jc …sts. Addn… …treatments of the invention use agents that
sim… …eously ac… …A-type glutamate receptor antagonists and
GAB… …eceptor a… …. Preferably, these two activities are
cha… …ristic of … …e agent, e.g. acamprosate. Alternatively, sep.
age…t …aving thes… …ities. . .

L10 ANS… 7 OF 45 …
ACCESSIO… …BER: …1931 USPATFULL
TITLE: …inylamino heterocyclic compounds useful as
…enoceptor agonists
INVENTOR … …, Peter J., Cincinnati, OH, United States

PATENT A: EE(S): effrey J., Hamilton, OH, United States
illiam L., Hamilton, OH, United States
aniel P., Bloomington, IN, United States
, Russell James, Fairfield, OH, United States
aymond T., Pleasant Plain, OH, United States
ster & Gamble Company, Cincinnati, OH, United (U.S. corporation)

UMBER DATE
---------- --------
PATENT I: MATION: US 19991012
APPLICAT INFO.: 56085 19961125 (8)
RELATED . INFO.: ation-in-part of Ser. No. US 1995-478708, filed 1995, now patented, Pat. No. US 5663189 which ntinuation-in-part of Ser. No. US 1993-86482, 1 Jul 1993, now abandoned
DOCUMENT E: Y
PRIMARY EXAMINER: , Jerome D.
LEGAL RE ENTATIVE: n, James C.; Roof, Carl J.; Suter, David L.
NUMBER O AIMS:
EXEMPLAR AIM:
LINE COU:
CAS INDE IS AVAILABL IS PATENT.
AB T bject inven ates to compounds having the structure:
1## wherein an integer from 1 to about 3;

(and Y are e pendently selected from O, S and CH.sub.2, with
a st one of X ing O or S;

(is unsubsti traight or branched chain alkanyl or alkanoxy h g from 1 to non-hydrogen atoms; and

(is selecte ydrogen, methyl, cyano, and halo;

p aceutical co ns containing such compounds; and the use of s compounds fo ting or treating of disorders modulated by a -2 adrenocep .

CAS INDE IS AVAILABL IS PATENT.
DETD . to respi allenges such as inhaled citric acid. (See, e. Callaway, J ing, "Effects of Inhaled .alpha.2-Adrenoceptor a ABA.sub.B Re gonists on Citric Acid-Induced Cough a idal Volume in Guinea Pigs", European Journal of P acology, Vol .992),. . . The effectiveness of other a -2 agonists nagement of neurologic disorders has been d trated, inc ttention-deficit hyperactive disorder and T te's syndro e.g., Chappell P., M. Riddle, L. S l1, K. Lynch altz, A. Arnsten, J. Leckman & D. Cohen, " facine trea omorbid attention-deficit hyperactivity d ler and Tour ndrome: preliminary clinical e ence", Jour merican Academy of Child and Adolescent P atry, Vol. , pp. 1140-1146), cognitive disorders. . .

L10 ANS 8 OF 45 US
ACCESSIC BER: 92 USPATFULL
TITLE: azolinylamino)quinoline compounds useful as drenoceptor agonists
INVENTOR omas Lee, Oxford, OH, United States

'ophie E., Maineville, OH, United States
y.ond T., Pleasant Plain, OH, United States
Russell James, Fairfield, OH, United States
PATENT A: EE(S): er & Gamble Company, Cincinnati, OH, United
.S. corporation)

ER DATE
PATENT I: ATION: 0 19990629
APPLICAT INFO.: 5118 19961125 (8)
RELATED N. INFO.: n-in-part of Ser. No. US 1995-496796, filed
1995, now patented, Pat. No. US 5716966

DOCUMENT :
PRIMARY EXAMINER: eh
LEGAL REPRESENTATIVE: , James C.; Graff, Milton B.; Suter, David L.
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention in volves the use of compounds having the
following structu #1## wherein: (a) R is unsubstituted C.sub.1
-C.sub.3 alkanyl l; and

(b) is selecte drogen; unsubstituted C.sub.1 -C.sub.3
alkanyl
or enyl; unsub C.sub.1 -C.sub.3 alkylthio or alkoxy;
hydroxy;
t ; cyano; and

f eventing or of disorders modulated by alpha-2
a ceptors.

The object inven involves novel compounds and compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
DETD . . to respi allenges such as inhaled citric acid. (See,
e. Callaway, J ng, "Effects of Inhaled .alpha.2-Adrenoceptor
a ABA.sub.B Re onists on Citric Acid-induced Cough
a idal Volume n Guinea Pigs", European Journal of
P. cology, Vol 92),. . . The effectiveness of other
a -2 agonists nagement of neurologic disorders has been
d trated, inc ttention-deficit hyperactive disorder and
T cte's syndro e.g., Chappell P., M. Riddle, L.
S l, K. Lynch litz, A. Arnsten, J. Leckman & D. Cohen,
" facine trea omorbid attention-deficit hyperactivity
d ler and Tour drome: preliminary clinical
e ence", Jour erican Academy of Child and Adolescent
P atry, Vol. , pp. 1140-1146), cognitive disorders. . .

L10 ANS 9 OF 45 US
ACCESSIO BER: USPATFULL
TITLE: inylamino heterocyclic compounds useful as
enoceptor agonists

INVENTOR er J., Cincinnati, OH, United States
ey J., Hamilton, OH, United States
lliam L., Hamilton, OH, United States
niel P., Bloomington, OH, United States
Russell James, Fairfield, OH, United States
ymond T., Pleasant Plain, OH, United States

PATENT A[illegible]EE(S): [illegible]er & Gamble Company, Cincinnati, OH, United [illegible].S. corporation)

	NUMBER	DATE
PATENT I[illegible]ATION:	4[illegible]12	19990622
APPLICAT[illegible]NFO.:	8-[illegible]59698	19980924 (9)

RELATED [illegible]. INFO.: c[illegible] of Ser. No. US 1996-756085, filed on 25 Nov [illegible]h is a continuation-in-part of Ser. No. US [illegible]8, filed on 7 Jun 1995, now patented, Pat. [illegible]3189

DOCUMENT [illegible]:
PRIMARY E[illegible]NER: [illegible] Jerome D.
LEGAL RE[illegible]NTATIVE: [illegible]el [illegible], James C.; Roof, Carl J.; Graff, Milton B.
NUMBER O[illegible].IMS:
EXEMPLAR[illegible].IM:
LINE COU[illegible]

CAS INDE[illegible] IS AVAILABL[illegible] [illegible]S PATENT.

AB Th[illegible]bject inven[illegible]es to compounds having the structure:

##[illegible]## wherein [illegible]n integer from 1 to about 3;

([illegible] and Y are e[illegible]cl[illegible]endently selected from O, S and CH.sub.2, with

a[illegible].st one of X [illegible]ing O or S;

([illegible] is unsubsti[illegible]straight or branched chain alkanyl or alkanoxy ha[illegible] from 1 to [illegible]n-hydrogen atoms; and

([illegible] is selecte[illegible]ydrogen, methyl, cyano, and halo; ph[illegible].ceutical co[illegible]s containing such compounds; and the use of su[illegible]ompounds fo[illegible]ing or treating of disorders modulated by a[illegible]-2 adrenocep[illegible]

CAS INDE[illegible] [illegible]IS AVAILABL[illegible] [illegible]T IS PATENT.

DETD [illegible]. [illegible]. to respi[illegible] [illegible]allenges such as inhaled citric acid. (See, e.[illegible] Callaway, [illegible] [illegible].g, "Effects of Inhaled .alpha.2-Adrenoceptor ar[illegible].BA.sub.B Re[illegible] [illegible]nists on Citric Acid-Induced Cough ar[illegible]dal Volume [illegible]. Guinea Pigs", European Journal of Pl[illegible].cology, Vol [illegible]2),. . . The effectiveness of other a[illegible]-2 agonists n[illegible].nagement of neurologic disorders has been d[illegible]. trated, inc[illegible]uc[illegible].tention-deficit hyperactive disorder and To[illegible]:te's syndro[illegible]e e.g., Chappell P., M. Riddle, L. S[illegible]., K. Lynch [illegible]; [illegible]ltz, A. Arnsten, J. Leckman & D. Cohen, "([illegible].acine trea[illegible]:[illegible]omorbid attention-deficit hyperactivity d[illegible]er and Tour[illegible]t[illegible].drome: preliminary clinical e[illegible]ence", Jour[illegible].[illegible]rican Academy of Child and Adolescent P[illegible]atry, Vol. [illegible]. pp. 1140-1146), cognitive disorders. . .

L10 ANS[illegible]) OF 45 US A[illegible]

ACCESSIO[illegible]ER: [illegible]18 USPATFULL

TITLE: [illegible]azolinylamino) quinolines useful as alpha-2 [illegible]tor agonists

INVENTOR [illegible]: [illegible]mas Lee, Oxford, OH, United States
[illegible]ter J., Cincinnati, OH, United States
[illegible]rey J., Hamilton, OH, United States
[illegible]mond T., Pleasant Plain, OH, United States
[illegible]ussell James, Fairfield, OH, United States
[illegible], [illegible]llen E., West Chester, OH, United States
[illegible]ophie E., Maineville, OH, United States

PATENT A[illegible]E(S): [illegible] & Gamble Company, Cincinnati, OH, United [illegible] corporation)

	NUMBER	DATE
PATENT IN[illegible]TION:	[illegible]7	19980908
APPLICATI[illegible]FO.:	[illegible]55936	19961125 (8)
RELATED [illegible] INFO.:	[illegible]ion-in-part of Ser. No. US 1995-496704, filed [illegible] 1995, now patented, Pat. No. US 5739148	

DOCUMENT [illegible]
PRIMARY [illegible] ER: [illegible]bert W.
ASSISTAN[illegible] INER: [illegible]benezer O.
LEGAL RE[illegible] TATIVE: [illegible]hard A.; Graff, Milton B.; Suter, David L.
NUMBER OF [illegible] MS:
EXEMPLARY [illegible] M:
LINE COU[illegible]
CAS INDE[illegible] S AVAILABL[illegible] PATENT.
AB Th[illegible]bject inve[illegible]ts to compounds having the structure:
#[illegible] # as defi[illegible]claims, and to pharmaceutical compositions
co[illegible]ing such [illegible]and the use of such compounds for preventing
or[illegible]ting of d[illegible]odulated by alpha-2 adrenoceptors.

CAS INDEX[illegible] S AVAILABL[illegible] G PATENT.
DETD [illegible] to respi[illegible]allenges such as inhaled citric acid. (See,
e.[illegible]allaway, [illegible]ng, "Effects of Inhaled .alpha.2-Adrenoceptor
a[illegible]A.sub.B R[illegible]nists on Citric Acid-Induced Cough
a[illegible]al Volume[illegible]n Guinea Pigs", European Journal of
P[illegible]ology, Vo[illegible]9[illegible]. . . The effectiveness of other
a[illegible] agonists [illegible]agement of neurologic disorders has been
d[illegible]rated, in[illegible]ention-deficit hyperactive disorder and
To[illegible]e's syndr[illegible]e.g., Chappell P., M. Riddle, L.
Sc[illegible], K. Lync[illegible]ltz, A. Arnsten, J. Leckman & D. Cohen,
"C[illegible]cine trea[illegible]omorbid attention-deficit hyperactivity
d[illegible]r and Tou[illegible]rome: preliminary clinical
e[illegible]nce", Jo[illegible]rican Academy of Child and Adolescent
P[illegible]ry, Vol.[illegible], pp. 1140-1146), cognitive disorders. . .

L10 ANS[illegible] OF 45 U[illegible]
ACCESSIO[illegible] ER: [illegible] USPATFULL
TITLE: [illegible]inine in treating psychiatric disorders
INVENTOR[illegible] [illegible]d, Minneapolis, MN, United States
PATENT A[illegible]E(S): [illegible]poration, Minnetonka, MN, United States
(U.S.

	NUMBER	DATE
PATENT I[illegible] CION:	[illegible]	19980707
APPLICAT[illegible] FO.:	[illegible]3363	19960730 (8)

DOCUMENT[illegible]
PRIMARY [illegible] ER: [illegible]yllis G.
LEGAL RE[illegible] ATIVE: [illegible]es V.
NUMBER O[illegible] S:
EXEMPLAR[illegible] I:
LINE COU[illegible]
CAS INDE[illegible] S AVAILA[illegible] PATENT.
AB A[illegible] [illegible]ceutica[illegible]n is provided that is useful in treating
c[illegible] [illegible]e-compu[illegible]s, Tourette's Syndrome and schizophrenia
c[illegible] [illegible]ng an a[illegible]inine or a pharmaceutically acceptable salt

t… which … ffective to reduce or alleviate at least one
c… ymptom… … s Syndrome, obsessive-compulsive disorder,
c… phreni… … or other mammal.

CAS INDE… … AVAIL… … PATENT.
DETD … has a… … inhibitory effect of nicotine with respect
t… an enzy… … converts glutamate into gammaaminobutyric acid
(
G… he rati… … ic acid to **GABA**
(… inobut… … n the brain plays a crucial role in brain
a… … Gluta… … citatory transmitter. **GABA** is an
i… …y tra… … hermore, the concentration of glutamate and
G… … highe… … than they are in the rest of the
b… …e effe… … otinine to inhibit. . . behavior) which
m… … devel… … ny years. This sheds light on the
e… …eness … … in treating obsessive-compulsive disorder,
T… …'s Sync… …chizophrenia through its ability to
i… the ac… … D so as to make the patient feel better,. .
.

L10 ANS… …F 45 … …T 2001 DERWENT INFORMATION LTD
ACCESSIO… …R: … …6] WPIDS
DOC. NO. …)
TITLE: … …ABA-uptake related disorders - used for
… …headaches, dementia, alcohol withdrawal
…spasticity, growth disturbances, tardive
… …or alcohol abuse.

DERWENT
PATENT A… …(S): … …O-NORDISK AS
COUNTRY
PATENT I… …ION:

PAT…	KIND	…	…TK	LA	PG
DK	… A	…	…96)*		1

APPLICAT… …AILS:

PAT…	KIND	APPLICATION	DATE
DK …	… A	DK 1998-727	19980528

PRIORITY … INFO: … 19980528
AN 199… …1 [46] …
AB DK … …27 A U… 1 …8
Met… the t… …GABA-uptake related disorders such
as … headac… …ia, alcohol withdrawal symptoms, spasticity,
gro… …urbanc… … …yskinesia, alcohol abuse, **stuttering**
, h… …hes, H… …horea, Gilles di le **Tourettes**
syn… …incont… …etic neuropathy and postherpetic neuralgia.
Dwg…
AB DK … …27 U… … 8
Met… the t… …f GABA-uptake related disorders such
as … …eada… …ia, alcohol withdrawal symptoms, spasticity,
gro… …rban… … …yskinesia, alcohol abuse, **stuttering**
, h… …es, H… … …rea, Gilles di le **Tourettes**
syn… …ncont… … …c neuropathy and postherpetic neuralgia.
Dwg…

L10 ANS [illegible] YRIGHT 2001 BIOSIS DUPLICATE 4
ACCESSIC [illegible] ICSIS
DOCUMENT [illegible] 311
TITLE: [illegible] to glutamate decarboxylase in a patient with [illegible]lar degeneration and Sjogren syndrome.
AUTHOR(S [illegible] ; Harada, Toshihide; Kamei, Hidekazu;
Nakamura
[illegible]
CORPORAT [illegible] Internal Med., Hiroshima Univ. Sch. Med., 1-2-3 [illegible]-ku, Hiroshima 734 Japan
SOURCE: [illegible] e (Tokyo), (Feb., 1998) Vol. 50, No. 2, pp. [illegible] 69.
DOCUMENT [illegible]
LANGUAGE [illegible]
SUMMARY [illegible] English
AB We [illegible] 52-y [illegible] n with Sjogren syndrome from the age of 46, dev [illegible]erebe [illegible], autonomic dysfunction and **dysarthria** at [illegible]had n [illegible] tory, and all known causes of cerebellar dis [illegible]e exc [illegible] of the patient contained autoantibodies dir [illegible]gains' [illegible]d decarboxylase(GAD) which was an enzyme inv [illegible]n the [illegible]s of **GABA**. She also had aut [illegible]ies t: [illegible]ecific with Sjogren syndrome(SS-A, anti-nuc
ant [illegible]nti- [illegible] body changed into negative after high dose int [illegible]nd [illegible] steroid therapy, but symptoms did not improve.
Wes [illegible]me [illegible] abnormal bands to human neuroblastoma cell lin [illegible]5, [illegible] ed relatively specific to nervous tissue. In
thi [illegible]erebe [illegible]n and atrophy were caused by autoimmune pa [illegible] inc [illegible] llar GABAergic system and central nerve ce
AB We [illegible] 72-y [illegible] on with Sjogren syndrome from the age of 46, dev [illegible]-be [illegible], autonomic dysfunction and **dysarthria** at [illegible]had n [illegible] tory, and all known causes of cerebellar dis [illegible]e exc [illegible] of the patient contained autoantibodies dis [illegible]gains' [illegible]d decarboxylase(GAD) which was an enzyme inv [illegible]n the [illegible]s of **GABA**. She also had aut [illegible]ies t [illegible] ecific with Sjogren syndrome(SS-A, anti-nuc
ant [illegible]nti- [illegible] body changed into negative after high dose. .
.

L10 AN [illegible] YRIGHT 2001 INIST-CNRS. ALL RIGHTS RESERVED.
ACCESSIC [illegible] 25 PASCAL
COPYRIGI [illegible] COPYRGT. 1996 INIST-CNRS. All rights
TITLE (I [illegible] n of a Tourette-like syndrome with ofloxac
AUTHOR: [illegible] J.; REAGAN D. R.; RODRIGUEZ DE BITTNER M. [illegible] ARTINEAU P. (trad.)
CORPORAT [illegible] ssee State univ., James H Quillen coll. [illegible] p. internal medicine, Murfreesboro TN [illegible] ted States
SOURCE: [illegible] of pharmacotherapy, (1996), 30(2), 138-141,
[illegible] -0280
DOCUMEN [illegible] ase report, clinical case); Translation

BIBLIOG
COUNTRY:
LANGUAG
SUMMARY
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French
5, 354000052895180050

tion entre l'emploi de la fluoroquinolone
et le developpement d'une encephalopathie
ristiques similaires au syndrome de La
ndrome insolite, relie dans le temps
t avec l'ofloxacine, fut observe chez un
me disparut completement apres
es caracteristiques les plus remarquables
coprolalie ; on a egalement observe de
des automatismes orofaciaux et des membres,
l'amnesie concernant l'episode pendant la
on clinique avait plusieurs points en commun
tte et possiblement avec de
e originant du lobe frontal.
examens neuroradiologique, et du liquide
SION : Les effets neurotoxiques documentes
'insomnie, les convulsions, le delire, et
par les proprietes antagonistes du
ments. Il s'agit ici du premier
t au syndrome de La **Tourette**,
quinolone, suggerant une interaction
neurotransmetteurs dopaminergiques
ge de medicaments qui, comme l'ofloxacine,
ation dans le systeme nerveux central,
ale associee aux maladies ou a l'age
de substances telles la theophylline et les
ens, et possiblement l'augmentation de la
, classent la personne agee dans un groupe

icite aux quinolones. Les ajustements
des effets indesirables au niveau du
primordiaux.
line chez un homme age et le developpement
sentant des caracteristiques similaires

DU CAS Un syndrome insolite,
ation d'un traitement avec l'ofloxacine,

'amnesie concernant l'episode pendant la
on clinique avait plusieurs points en commun
tte et possiblement avec de
originant du lobe frontal.
examens neuroradiologique, et du liquide
neurotoxiques documentes des
'insomnie, les convulsions, le delire, et la
es proprietes antagonistes du **GABA**
s. Il s'agit ici du premier rapport d'un

Tourette, associe a
, suggerant une interaction possible avec
urs dopaminergiques centraux. CONCLUSIONS

2001 DERWENT INFORMATION LTD

ACCESSIC 16 [2] WPIDS
DOC. NO. 75
TITLE: ons of sugars and amino acids, opt with other for t eatment of, e.g., Alzheimer's disease, n, hai loss, cancers, hypertension, etc.

DERWENT
INVENTOR T; NAITO, A
PATENT A NAITO A T; (NAIT-I) NAITO A
COUNTRY
PATENT I

PAT	WEEK	LA	PG
EP	(1995 3)*	EN	13
	R GB GR IE IT LI LU MC NL PT SE		
CA	(1997)#		

APPLICAT

PAT	APPLICATION	DATE
EP	EP 1993-308852	19931105
CA	CA 1993-2103399	19931118

PRIORITY 08852 19931105; CA 1993-2103399

AN 199
AB EP 619
Cor one or more pure sugars selected from meso
ery alact se, D(+)lactose, D(+)xylose, dulcitol,
myo , D(-)mannitol, sorbitol, D(+)glucose,
D(+, se, c llobiose, D(+)maltose, D(+)raffinose,
L(+, e, D(-)ribose, adonitol, D(+)arabitol,
L(- L(-)f cose, D(-)lyxose, L(+)lyxose, L(-)lyxose,
D(+ amine nd D galactosamine; and (b) one or more
ami glutamine, lysine, arginine, asparagine,
as; glutamic acid, glycine, histidine, leucine,
met nylalanine, serine, threonine, tryptophan,
ty ne.
s are capable of passing through the
blood-br
bar f (i) restoring impeded neuro-transmitter
fun g other materials (e.g. beta-carotene,
xan cin, somastatin, vasopressin, endorphin,
enk ine, GABA, dynorphin, L-tryptophan,
ch oxin , niacin, L-arginine, hydroxyproline, NGF,
met sium, phosphorus, chlorine, sodium, vitamins A,
B, m phosphate, selenium, linolenic acids, etc.)
th rrier, or (iii) otherwise facilitating the
uti materials in the chemical processes of the
boc t. together with these other materials) may be
use dependence, drunkeness, Alzheimer's disease,
Hu ophrenia, loss of hair, depression, insomnia,
ch , heart muscle disorders, stress, headache,
st bulimia anorexia, panic disorders,
an muscular dystrophy, cerebral palsy, Parkinson's
di , cancers, acne, psoriasis, eczema,
lu sclerosis, AIDS, chronic fatigue, ageing
sy m also be used in athletic drinks.

Dwc

AB .

of ... transmitter function, (ii) transporting
oth... ...ene, xanthophyll, lecithin, calcium,
son... ...in, enkephalin, acetyl-L-carnitine,
GAB... ...holine, thiamine, pyridoxine,
nia... ...oxyproline, NGF, methionine, cystine, potassium,
pho... ...dium, vitamins A, B, C, K,. . . dependence,
dru... ...disease, Huntington's disease, schizophrenia,
loss

of ... ...ia, chronic pain, osteoporosis, heart muscle
dis... ...e, st**ttering**, poor memory, bulimia,
and... ...s, a...ty, hyperactivity, muscular dystrophy,
cer... ...on's ...ase, hypertension, PMS, shock, cancers,
ac...

L10 AN... ...COPYRIGHT 2001 BIOSIS DUPLICATE 5
ACCESSIO... ...OF BIOSIS
DOCUMEN... ...6008
TITLE: ...and some related psychopharmacological
...Tourette's syndrome: An update.

AUTHOR(S)... ...b... Chokka, P. R.; Bornstein, R. A.
CORPORA... ...ochem... ...s. Unit, Dep. Psychiatry, Univ. Alberta,
..., AB T... 2B7 Canada

SOURCE: ...of Psychopharmacology, (1995) Vol. 9, No. 3, pp.
...9- 811.

DOCUMEN...
LANGUAG...

AB Neu... ...ions of **Tourette**'s syndrome (TS) suggest
th... ...s di...der may be the result of an imbalance
among

se... ...and/or neuromodulator systems. Neurochemicals
wh... ...inc...: catecholamines; acetylcholine;
try... ...olines; the amino acids gamma-aminobutyric acid (
GAB... ...mine and p-tyrosine; trace amines;
op... ...and androgenic hormones. A suitable animal
mo... ...to advance our understanding of this disorder,
an... ...ecent developments in this regard.

AB Ne... ...ions of **Tourette**'s syndrome (TS) suggest
th... ...is dis...der may be the result of an imbalance
among

se... ...and/or neuromodulator systems. Neurochemicals
wh... ...inc...: catecholamines; acetylcholine;
tr... ...ines; the amino acids gamma-aminobutyric acid (
GA... ...mine and p-tyrosine; trace amines;
op... ...androgenic hormones. A suitable animal
mo...

L10 AN... ...DUPLICATE 6
ACCESSI... ...MEDLINE
DOCUMEN...
TITLE: ...on of dysarthria in multiple sclerosis by
treatme...
...magnetic fields.

AUTHOR:
CORPORA... ...Research Laboratories, Danbury, CT
...A.

SOURCE: ...IONA... ...RNAL OF NEUROSCIENCE, (1995 Nov) 83 (1-2)

PUB. CO[illegible] :od[illegible] : [illegible] . ISSN: 0020-7454.
[illegible] Uni[illegible] [illegible]ingdom
[illegible] Arti[illegible] (JOURNAL ARTICLE)
LANGUAG[illegible]
FILE SE[illegible] Jou[illegible]
ENTRY M[illegible]
ENTRY W[illegible]

AB It [illegible] or more of patients diagnosed with multiple sc[illegible] speech impairment (**dysarthria**) which in so[illegible] [illegible]sabling. Currently there is no effective me[illegible] he d[illegible]hria of MS which occurs as a res[illegible] e ce[illegible]lum and its outflow tracts. It was re[illegible] extra[illegible]ial application of brief AC pulsed el[illegible] (EMF[illegible] the picotesla (pT) range intensity pr[illegible] h M[illegible] sustained improvement in motor functions in[illegible] [illegible]ptomatology. This communication concerns two MS patie[illegible] [illegible]ressive course who exhibited severe dy[illegible] [illegible] during the initial treatment wi[illegible] [illegible]ch [illegible]solved completely 3-4 weeks later. Since ap[illegible] bee[illegible] [illegible]wn to alter: (a) the resting membrane po[illegible] neur[illegible] [illegible]smitter release through an effect in[illegible] [illegible]ans[illegible] [illegible]ne calcium flux; and (b) the secretion of pi[illegible] in t[illegible] [illegible]nfluences the synthesis and release of se[illegible] [illegible]ma-amino **butyric** ac[illegible] [illegible], it is suggested that the im[illegible] [illegible] dysarthria occurred as a result of ch[illegible] [illegible]mitter functions particularly 5-HT and GA[illegible] [illegible]myel[illegible]ion.

AB It [illegible] at [illegible] more of patients diagnosed with multiple sc[illegible] speech impairment (**dysarthria**) which in sc[illegible] [illegible]sabling. Currently there is no effective me[illegible]ic [illegible] dy[illegible]thria of MS which occurs as a re[illegible] [illegible]bellum and its outflow tracts. It was re[illegible] [illegible] motor functions including cerebellar sy[illegible]pt[illegible] [illegible]on concerns two MS patients with a chronic pr[illegible]gr[illegible] [illegible] severe **dysarthria** which im[illegible] the [illegible]ial treatment with pulsed EMFs and which res[illegible] wee[illegible] [illegible]ter. Since application of. . . flux; an[illegible] (b[illegible] [illegible] melatonin which in turn influences the sy[illegible]th[illegible] [illegible]in (5-HT) and **gamma-** am[illegible]no [illegible] ce[illegible]eb[illegible] [illegible] the immediate improvement of the dy[illegible]ar[illegible] [illegible] of changes in cerebellar ne[illegible]ro[illegible] [illegible]cularly 5-HT and **GABA** rather th[illegible]n [illegible]

L10 A[illegible] [illegible] C[illegible]HT 2001 DERWENT INFORMATION LTD
ACCESS[illegible] [illegible] P T S
TITLE: [illegible] [illegible]oversy of CNS Stimulants in Gilles de la [illegible]
AUTHOR: [illegible] F[illegible] n V
LOCATI[illegible]: [illegible]dom
SOURCE: [illegible] (15, No. 5, 408-25, 1992) 2 Tab. 154 Ref.
[illegible] ISSN: 0722-5091
AVAIL. F[illegible] [illegible] [illegible]sychiatry, Middlesex Hospital, London W1N [illegible]
LANGUAG[illegible]:
DOCUME[illegible] TY[illegible]

FIELD AVAIL
FILE SEGMEN
AN 1993-
AB The c stimulants e.g. dextroamphetamine
(dexa ine, L-amphetamine, or methylphenidate in the
treat a Tourette's syndrome (GTS)
parti , is reviewed considering the relationship
betwe n deficit-hyperactivity disorder (ADHD) and the
contr eatment with stimulants. Neurobiochemical systems
consi d (DA), norepinephrine (noradrenaline), 5-HT, ACh,
GABA of choice for GTS are DA antagonists and
clonic ADHD are stimulants. Stimulants may cause
tics, eighed up against the benefits of their use.
Side-e ol (DA antagonist) are depression/dysphoria,
sedati un in . CL may be the drug of choice for a
patie A HD.
ABEX High stimulants, e.g. pemoline, L-amphetamine and
dextr to treat ADHD can provoke or exacerbate tics or
GTS in wi out these preexisting symptoms. Tics are
less
likely by stimulants in patients treated with
halope re is evidence that stimulants and
butyrop mply antagonistic to each other but have
overlap effects on tics and side-effects. Levodopa
given t ients can result in involuntary vocalization
and
apomorph reate and decrease GTS. Obsessive-convulsive
componen d with LSD and psilocin. CL is effective for
both ti ms but if hyperactivity is a significant
problem, w or without butyrophenones/benzamides may be
tried i oses and with relevant monitoring. The
neurobi erbation of tics/GTS is based on the release of
dopamine e ine from pre-synaptic nerve terminals.
Abnormal nsmitters such as DA, noradrenaline, 5-HT, ACh,
GABA and (e.g. dynorphin) are noted in GTS. Other drugs
used in include sulpiride, fluphenazine, naltrexone,
clomipra , methylphenidate, clonazepam, nifedipine,
verapami , trazodone, progabide and physostigmine.
Other t include amitriptyline, desipramine,
imipramine,
bupropio , chlorphenhydramine, chlorpromazine, propranolol and
carbamaz , E (C.E.).
AB The cont stimulants e.g. dextroamphetamine
(dexamph line, L-amphetamine, or methylphenidate in the
treatmen a Tourette's syndrome (GTS)
particul iewed considering the relationship
between deficit-hyperactivity disorder (ADHD) and the
contrain ment with stimulants. Neurobiochemical systems
consider , norepinephrine (noradrenaline), 5-HT, ACh,
GABA and f choice for GTS are DA antagonists and
clonidin A HD are stimulants. Stimulants may. . .

L10 ANSWER 2 COPYRIGHT 2001 DERWENT INFORMATION LTD
ACCESSION NUMB M S
TITLE: -Lactam Antibiotics: Predisposing
esis.
AUTHOR: ars O; Norrby S R
LOCATION: Sweden
SOURCE: ouher. (27, No. 4, 405-25, 1991) 3 Tab. 169
Ref.

ISSN: 0305-7453
AVAIL. OF DOC.: ... cology, University of Umea, S-90185 Umea,

LANGUAGE:
DOCUMENT TYPE:
FIELD AVAIL.:
FILE SEGMENT:
AN 1991-27570
AB Neurotoxic ... togenic activity, of beta-lactams e.g. benzylpeni ... (CF), ampicillin (AP), amoxicillin (AM), oxacillin ... (CC), nafcillin (NC), carbenicillin (CB), ticarcilli ... n (PP), cefaloridine (CR), cefalotin (CT), cefonicid ...), cefmetazole (CZ), cefacetrile (CA), cefotaxime ... (CD), cefuroxime (CU) and latamoxef (LM), and imipen ... nem and FCE-22101 are reviewed. Other drugs ment ... fentanyl, meperidine, ketamine, halothane, propanidid ... caine, theophylline, aminophylline, amphetamin ... taline, phenyl-propanolamine, physostigmine, isoniazid, ... idixic acid, chlorambucil, misonidazole and cyclospori ...
ABEX Neurotoxic ... beta-lactam antibiotics occur frequently and epilep ... observed after very high systemic doses. Highest pc ... with BP, CF and imipenem/cilastin (also meropenem ... or more of seizures, aggravation of myasthenia ... s, confusion, nystagmus, encephalopathy, myoclonus, ... reaction, **dysarthria**, delerium, ... ng, rapid eye movements, tachycardia, headache, ... s and neuromuscular excitability are recorded f ..., CB, TC, PP, CR, CT, CF, CN, CL, CZ, CA, CX, CD, CU ... factors include concurrent or prior BP, warfarin, ... in, tobramycin, cefoperazone or amikacin. Drugs kno ... lower seizure thresholds are alcohol, fentanyl, ... e, pentazocine, propoxiphene, halothane, enflurane, ... caine, lidocaine, procaine, etidocaine, theophylli ... phetamine, ephedrine, terbutaline, phenylprop ... phates, physostigmine, isoniazid, metronidaz ..., quinolones, chlorambucil, misonidazole and cyclospori ... notoxicity in rats and increased sensitivit ... thiobarbital and influence of probenecid are discus ... dicloxacillin, phenethicillin, /3H/flunit ... ylitetrazole, ceftezole, cefamandol ... azlocillin are mentioned. (E4/AK)
ABEX. . . and ... more of seizures, aggravation of myasthenia ... s, confusion, nystagmus, encephalopathy, myoclonus, ... reaction, **dysarthria**, delerium, ... ng, rapid eye movements, tachycardia, headache, ... s and neuromuscular excitability are recorded f ... . . in rats and increased sensitivity to hexobarbit ... d influence of probenecid are discussed. In pathoge ... n, phenethicillin, /3H/flunitrazepam, **GABA**, pent ... le, cefamandole, ceftizoxime and azlocillin ... /K)

L10 ANSWER 30 ... 2001 DERWENT INFORMATION LTD

ACCESSION NUMBER: [illegible] M S
TITLE: [illegible]-Effects of Various Antibacterial

AUTHOR: [illegible]
LOCATION: [illegible]ny, West
SOURCE: [illegible]upp 1. 1, S29-S32, 1991) 87 Ref.
ISSN: 0300-8126

AVAIL. OF DOC.: [illegible]linik, Universitaet Goettingen,
[illegible]sse 5, W-3400 Goettingen, Germany.

LANGUAGE:
DOCUMENT TYPE:
FIELD AVAIL.:
FILE SEGMENT:
AN 1991-12408
AB Side-effec[illegible] on the CNS are reviewed with reference to
quinolone[illegible]icillins, cephalosporins,
erythromyc[illegible], metronidazole, isoniazid, sulfonamides and
tetracycli[illegible]
ABEX CNS-effect[illegible] include fits, headaches, vertigo, visual
disturbanc[illegible]ects, sleeping problems, psychoses,
lassitude
and confus[illegible] similar to those of nalidixic acid,
rosoxacin
and pipede[illegible]acin, ofloxacin and ciprofloxacin can act
through in[illegible]etabolism of theophylline, caffeine and
paraxanthi[illegible]A-receptors, through
pyschoanal[illegible]ated to the structural similarities to
amfonelic [illegible]tamine-like effects. Quinolone-psychoses can
be treated[illegible]e, and benzodiazepines can be used in cases
of convuls[illegible]icillins (amoxicillin, carbenicillin,
ticarcilli[illegible]benzylpenicillin, oxacillin, cloxacillin,
dicloxacill[illegible]-symptoms including psychoses with
agitation,
disorienta[illegible]tinations and sleeping problems. Benzathine-
and procai[illegible] cause a psychiatric symptom-complex
(procaine-[illegible]caine also has CNS toxicity. I.v.
cephalospo[illegible]llucinations, convulsions, disorientation and
restlessne[illegible] cause anxiety and optical
hallucinations.
Gentamicin[illegible]ses and encephalopathy in adults, and
kanamycin c[illegible]s and visual disturbances. Metronidazole
can
cause ence[illegible]lsions, ataxia, **dysarthria** and
cerebellar[illegible]azid can cause vertigo, excitation, cerebral
organic ps[illegible] convulsions and hyper-reflexia.
Sulfanilam[illegible]din can cause sight disturbances, vertigo,
depressio[illegible]psychoses. (S67/LJ) (Zentralnervoese
Nebenwirku[illegible]antibakterieller Substanzen.)
ABEX. . . and[illegible]floxacin, ofloxacin and ciprofloxacin can
act through[illegible]50-metabolism of theophylline, caffeine and
paraxanthi[illegible]A-receptors, through
pyschoanal[illegible]ated to the structural similarities to
amfonelic [illegible]tamine-like effects. Quinolone-psychoses can
be treated[illegible]lone psychoses and encephalopathy in adults,
and kanamy[illegible]sis and visual disturbances.
Metronidazole
can cause[illegible]lsions, ataxia, **dysarthria** and
cerebellar[illegible]azid can cause vertigo, excitation, cerebral
organic ps[illegible]convulsions and hyper-reflexia.
Sulfanilam[illegible]din can cause. . .

L10 ANSWER 31 ...T 2001 DERWENT INFORMATION LTD
ACCESSION NUMBE... T P S
TITLE: ...fferent Vigabatrin Treatment Regimens on CSF ... Seizure Control in Epileptic Patients.

AUTHOR: ...ersson L I; Schechter P J; Haegele K D; ...rg J

CORPORATE SOURC...
LOCATION: ...n; Strasbourg, France
SOURCE: ...col. (27, Suppl. 1, 79S-85S, 1989) 3 Fig. 3
Tab. 21 R...

ISSN: 0306-5251

AVAIL. OF DOC.: ...rology, University of Goteborg, Goteborg, ...s).

LANGUAGE:
DOCUMENT TYPE:
FIELD AVAIL.:
FILE SEGMENT:

AN 1989-3010...

AB P.o. viga... ...n a decrease in seizure frequency when administe... ...ith drug-resistant complex partial epilepsy. ... progressively decreased with decreasing dosing int... ...fects included **stutter**, drowsiness, lossof co... ...sion and irritability and increased vigor. VB resulted ... ...ases in CSF levels of free and total **GABA** and ... ... CSF concentrations of homovanillic acid (HVA... ...antly after a single dose of VB but returned to pretrea... ...ubsequent dosing schedules. In contrast, 5-HIAA co... ...increased with the single dose but were significa... ...wing alternate day and daily VB administr... ...drugs included phenytoin (PH), carbamazepine (CB) and ...

ABEX 11 Patien... ...r, mean 32.4) with drug-resistant epilepsy with over... ...admitted to the study. 2 Patients were being trea... ... 5 with CB alone, 2 with both and 2 with PB and CB. ... ...d p.o. VB, 50 mg/kg as add-on therapy. The drug was ... ...morning dose. The patients then received 50 mg/kg eve... ...followed by 50 mg/kg every other day for a further 2 ... ...he dosage interval was reduced to daily administr... ...nth. CSF total and free **GABA** and HVA level... ...increased, compared with pretreatment values, ...dose of VB and remained elevated at subsequen... ...increases were dose-dependent. VB concentra... ...ater with every 3rd day dosing and every other day ... ...gle dose. CSF concentrations of 5-HIAA after sin... ...eased over pre-treatment levels. A signifca... ...d for values observed after alternate day and daily ... ...ed to pre-treatment concentrations. CSF levels of ... ...llowing single VB dosage. 1 Patient had to withd... ...ness, loss of concentration and development of a **stu**... ...developed depressive symptoms and irri... ...reported increased vigor. 1 Reported mild drowsine... ...y 3rd day 4/11 patients had a decrease in seizure ... ...0% while 1 patient increased frequency. With alt... ... had a greater than 50% decrease in frequenc... ...requency in 8/10 cases including

eliminat[illegible] in 2. (Y112/SEB)
AB. . . adm[illegible] with drug-resistant complex partial
epilepsy. [illegible] gressively decreased with decreasing
dosing i[illegible] s included **stutter**, drowsiness,
lossof c[illegible] and irritability and increased vigor.
VB
resulted [illegible]s in CSF levels of free and total
GABA and [illegible] CSF concentrations of homovanillic
acid (HV[illegible] [illegible]ly after a single dose of VB but
returned
to. . .
ABEX. . . a[illegible], the dosage interval was reduced to
daily ad[illegible] mth. CSF total and free **GABA**
and HVA [illegible]y increased, compared with pretreatment
values, [illegible]e of VB and remained. . . increased
followin[illegible] [illegible]atient had to withdraw because of
drowsine[illegible]n and development of a **stutter**.
Another [illegible]sive symptoms and irritability. 2
Patients [illegible]r. 1 Reported mild drowsiness. With VB
given ev[illegible]

L10 ANSWER 3 [illegible] 2001 DERWENT INFORMATION LTD
ACCESSION NUME[illegible] [illegible] B V
TITLE: [illegible]cidemia Type I: Effect of Riboflavin and
[illegible]
AUTHOR: [illegible] Goodman S I; Batshaw M L
LOCATION: [illegible] Durham, Denver, Colorado, United States
SOURCE: [illegible] 1, 62-65, 1988) 1 Fig. 1 Tab. 15 Ref.
[illegible] ISSN: 0022-3476
AVAIL. OF DOC.: [illegible]tute, 707 N. Broadway, Baltimore, MD

LANGUAGE:
DOCUMENT TYPE:
FIELD AVAIL.: [illegible]
FILE SEGMENT: [illegible]
AN 1988-104[illegible]
AB A 5-yr-o[illegible] glutaric acidemia associated with
progress[illegible]sy and basal ganglia degeneration and
who resp[illegible] (RF) and l-carnitine (CT) with
evidenced
of bioch[illegible]l [illegible]ovement, is reported. Neither agent
reduced [illegible]f [illegible]cid (GA), but RF increased GABA levels.
A trial [illegible]h [illegible]scontinued because of severe lethargy
and
vomiting.
ABEX The pati[illegible]y until 11 mth of age when he had a 3 day
episode [illegible]d low-grade fever hat led to seizures
and
coma. Th[illegible]d [illegible] viral encephalitis. After this he lost
some dev[illegible]h [illegible]ypotonic and had choreoathetoid
movement[illegible]n [illegible]is skills but at 24 mth, he had a 2nd
viral-li[illegible]s [illegible]th severe lethargy and vomiting. CT
showed b[illegible]t [illegible]y. He continued to lose motor skills
and
at 45 m[illegible] [illegible] sturing. He was unable to sit without
support, [illegible]a[illegible]ypotonia and choreoathetosis was noted
on voli[illegible]n [illegible]s **dysarthritis**; IQ was 50-55.
Glutaric [illegible]g [illegible]d [illegible]nosed on finding peaks of GA (9-24
ug/ml) a[illegible] [illegible]MS of urine specimens. Plasma GA was 11
ug/ml. [illegible] [illegible]ed by finding less than 1% of normal

activity ... ogenase in fibroblasts. Magnetic resonane
imaging ... lobe atrophy and fibrosis and
bilateral
hyperluc ... ct of the caudate nucleus. He was put
on
a protei ... ceived 100 mg/day p.o. RF for 1 wk, 100
mg/kg/da ... RF+CT continuously. Before treatment,
CSF leve ... GABA was decreased and HVA and
HIAA wei ... ect on GA but raised **GABA** to
normal ... inary short-chain acylcarnitine; total
plasma ... normal. Long term RF+CT treatment was
associat ... improvement and the rapid progression of
the neu ... (E54/RSV) (M.L.B.).
ABEX. . . ... support, had truncal and nuchal
hypotoni ... us noted on volitional movement. Speech
was **dys** ... Glutaric acidemia type I was
diagnos ... (9-24 ug/ml) and 3-OH-glutarate on
GLC/MS. ... ay p.o. CT for 1 wk, then RF+CT
continu ... SF levels of GA were elevated,
GABA wa ... AA were normal; RF had no effect
on GA b ... evels. CT increased urinary
short-c ... plasma CT rose from subnormal to
normal.
Long te ...

L10 ANSWER ... T 2001 DERWENT INFORMATION LTD
ACCESSION NUM ... S
TITLE: ... ent Disorders.
AUTHOR: ... Barbeau A
LOCATION: ... ada
SOURCE: ... oxicol. (27, 113-36, 1987) 169 Ref.
... ISSN: 0362-1642
AVAIL. OF DOC. ... iology, Clinical Research Institute of
... Quebec, Canada H2W 1R7.

LANGUAGE:
DOCUMENT TYPE:
FIELD AVAIL.:
FILE SEGMENT:
AN 1987-24 ...
AB Drugs a ... s are reviewed. The treatment of
Parkinso ... vodopa is discussed, and problems of
long
term us ... f levodopa are mentioned. The use of
anticho ... e drugs, amantidine, bromocriptine and
other d ... ised. The treatment of dystonic
syndrom ... , Gilles de la Tourette syndrome and
Wilson' ... d.
ABEX Aspe ... n levodopa are discussed. Levodopa is
given w ... de which reduce the peripheral but not
the cen ... nal involuntary movements are a
particu ... n levodopa therapy; altering the
levodopa
dosage ... ne, methysergide and amitriptyline have
been o ... ymptoms. Levodopa may cause melanoma.
The use ... trihexyphenidyl HCl, procyclidine HCl,
cycrimi ... propazine HCl, bornaprine HCl,
methixe ... , chlorphenoxamine HCl and
orphenadrine
HCl is ... have fewer side effects than
anticho ... of the antiparkinsonian effect of

amanti: ...ocriptine, lisuride and pergolide are useful ...% receptor agonists. Lergotrile mesylate and mes... toxic. Other drugs with possible useful... , threodihydroxyphenylserine, (+)-4-p... ne, propranolol and clonazepam. The treatme... Huntington's disease, Gilles de la **Touret**... sease is briefly discussed, with refer... azine, trihexyphenidyl, ethopropazine, cholin... benztropine, isoniazid, sodium valpro... amma-vinyl **GABA**, gaboxadol, flupher... mine, lithium carbonate, nitrous oxide, clonid... nd zinc sulfate or acetate. (E33/JB) ABEX. . . reodihydroxyphenylserine, (+)-4-propyl 9-hydr... l and clonazepam. The treatment of dyston... isease, Gilles de la **Tourette** syndro... riefly discussed, with reference to halope... yphenidyl, ethopropazine, choline, arecol... e, isoniazid, sodium valproate, gamma-... GABA**, gaboxadol, fluphenazine, reserp... carbonate, nitrous oxide, clonidine, penici... fate or acetate. (E33/JB)

L10 ANSWER ... 2001 BIOSIS DUPLICATE 7
ACCESSION NU...
DOCUMENT NUM...
TITLE: ...EATMENT OF EPILEPSY A DOUBLE-BLIND ...TUDY.
AUTHOR(S): ...GALIMBERTI C A; HARDENBERG J; ORWIN J;
CORPORATE SO... ...MONDINO," VIA PALESTRO 3, 27100 PAVIA,
SOURCE: ... 7 (6), 717-723. ...: 0013-9580.
FILE SEGMENT:
LANGUAGE:

AB The eff... gabatrin (.gamma.-vinyl **GABA**, GVG), g... adult outpatients with severe drug-re... artial seizures), were studied using a double-... crossover design. The study consisted of two 7-w... gabatrin and placebo were administered in rand... g twice daily for patients weighing .ltoreq... ly for patients weighing > 65 kg. Three patient... dy, two reasons unrelated to treatment and one... of vertigo, headache, **dysarthria**, and a... y when vigabatrin was stopped (3 g daily)... available for analysis showed a decrease... zures as compared with the placebo period... reduction in seizure frequency and 4 of the... Both the total number of seizures and the num... e significantly reduced by vigabatrin ($p < 0.$... dropped out were severe adverse effects... eported unwanted effect were mild drowsi... n patients on vigabatrin and in one on placeb... , were also seen with six patients who report... -being while receiving vigabatrin as compar... ebo period. No consistent changes in electro... ephalogram (EEG), and visual-, auditor... potentials were seen during the study.

Serum [illegible] ulsants remained unchanged, with the
except[illegible] enytoin during vigabatrin in the only
phenytc[illegible] ude that add-on treatment with
vigabat[illegible] olerated in adult patients with
drug-re[illegible]

AB The ef[illegible] igabatrin (.gamma.-vinyl **GABA**,
GVG), [illegible] 3 adult outpatients with severe
drug-re[illegible] artial seizures), were studied using.

. pat[illegible] study, two reasons unrelated to
treatm[illegible] pearance of vertigo, headache,
dysarthr[illegible] ded rapidly when vigabatrin was
stopped[illegible] 20 patients available for analysis.

L10 ANSWER [illegible] 2001 DERWENT INFORMATION LTD
ACCESSION NU[illegible] P S
TITLE: [illegible]
AUTHOR: [illegible] an E
LOCATION: [illegible]
SOURCE: [illegible] 05-22, 1986) 3 Fig. 9 Tab. 177 Ref.
[illegible] SSN: 0037-1777
AVAIL. OF DO[illegible] versitaire de Psychiatrie, Centre
[illegible] e Nacre, 14033 CAEN CEDEX, France.

LANGUAGE:
DOCUMENT TYP[illegible]
FIELD AVAIL[illegible]
FILE SEGMEN[illegible]
AN 19[illegible]
AB Antiol[illegible] icular reference to their chemical
struct[illegible] ity and mode of action,
pharma[illegible] eractions, side effects and therapeutic
uses. s[illegible] ficacy the benzodiazepines (BZ) are
rapidl[illegible] ic drugs.
ABEX BZ [illegible] am, chlordiazepoxide, clobazam,
clor[illegible] m (DZ), loflazepate, lorazepam,
me[illegible] tofisopam are rapidly absorbed by the
GI tra[illegible] s easily into the CNS, where they bind
to spe[illegible] oupled to **GABA** receptors and
CL lor[illegible] ics, muscle relaxants and
antico[illegible] gent is dependent on pharmacokinetics
and pl[illegible] e anxiolytics including benzoctamine,
captod[illegible] diol, hydroxyzine, medifoxamine,
mepho[illegible] lpentynol, methaqualone, mephenesin,
oxy[illegible] octamide may also be used.
Ba[illegible] chlorpromazine, amitriptyline,
al[illegible] idine and alcohol also have anxiolytic
act[illegible] exics, salbutamol, yohimbine, caffeine
ant[illegible] c. BZ undergo hepatic metabolism with
the[illegible] polites e.g. desmethyl DZ and renal
exc[illegible] oms of BZ induced sedation are fatigue,
som[illegible] tigo, **dysarthria**, ataxia and
obv[illegible] ne risk of sedation. Other interactions
wi[illegible] picin, cimetidine, disulfuram, p.o.
co[illegible] been reported. The BZ have been
as[illegible] rome. In the future it may be possible
to[illegible] th the specific receptor antagonist
RO-[illegible] tiques)
ABEX. [illegible] lic pass easily into the CNS, where
they

bi
an
an
an
gl
we
al
ba
an

are coupled to **GABA** receptors
olytics, muscle relaxants and
gent is dependent on pharmacokinetics
ethyl DZ and renal excretion as
uced sedation are fatigue, somnolence,
hria, ataxia and obnubilation;
ation. Other interactions with tobacco,
ine, disulfuram, p.o. contraceptives

L10 ANS
ACCESSIO
DOCUMENT
TITLE:

2001 ELSEVIER SCI. B.V.DUPLICATE 8

eatment of tardive dyskinesia and other

AUTHOR:
CORPORAT

n J.E.; Simpson M.L.; et al.
psychopharmacology, Palo Alto Veterans
cal Center, Palo Alto, CA, United

States
SOURCE:

ry, (1985) 20/8 (888-893).

COUNTRY:
DOCUMENT
FILE SEG

ture Index

nd Neurosurgery
y

LANGUAGE:
AB We
nin
and
one
com
sig
dys
app
cli
psy
exp
GAB
dys
AB We
nin
and
one
com
sig

of gamma-vinyl-**GABA** (GVG) in
dyskinesia, one with Meige syndrome,

ardive dyskinesia patients
and, as a group, demonstrated
a scores. Four of these five tardive
lly evident improvement, with
kinetic symptoms. Other patients had no
atients had transient exacerbation of
withdrawal of GVG, and one patient
al episodes. Our results suggest that
treating patients with tardive

of gamma-vinyl-**GABA** (GVG) in
dyskinesia, one with Meige syndrome,

ardive dyskinesia patients
and, as a group, demonstrated
a scores.. . .

L10 AN
ACCESSIO
TITLE (I

T 2001 INIST-CNRS. ALL RIGHTS RESERVED.
PASCAL
BA treatment of tardive dyskinesia and
disorders

AUTHOR:

HORNTON J. E.; SIMPSON M. L.; BERGER P.
M. J.

CORPORAT
SOURCE:
2

t., Palo Alto CA, United States
chiatry, (1985), 20(8), 888-893, refs.

DOCUMENT

BIBLIOGR
COUNTRY:
LANGUAGE:
AVAILABI
AN 19
ABFR Ana -vinyl-**GABA** dans le traitement des drome de Meige et du syndrome de **Tou**
ABFR Ana -vinyl-**GABA** dans le traitement de drome de Meige et du syndrome de **Tou**

L10 ANS T 2001 ELSEVIER SCI. B.V.DUPLICATE 9
ACCESSIO
DOCUMENT
TITLE: eatment of hyperkinetic extrapyramidal
AUTHOR: E.; Braendgaard H.
CORPORAT ology, Aarhus Municipal Hospital,
DK-8000

SOURCE: candinavica, (1985) 72/3 (341-343).

COUNTRY:
DOCUMENT
FILE SEG ture Index
nd Neurosurgery
gy

LANGUAGE:
AB The -receptor agonist, progabide, to a y movements was evaluated in a preliminary ope 1(males and 7 females, aged 10-78 years, with ers were included in the study. Daily dose) to 3600 mg (median 2400 mg) cor an 45 mg/kg), while the duration of trea s. Improvement, with a reduction of inv %, occurred in two of four patients with Gil , and in two of three patients wit os, while no consistent beneficial eff tients with Huntington's chorea, pos on dystonia, tardive dyskinesia, action tre o-branchio-respiratory myoclonus.
AB The -receptor agonist, progabide, to ovements was evaluated in a preliminary ope males and. . . weeks. Improvement, wit ovements exceeding 25%, occurred in two of Tourette's syndrome, and in two ar xic intention myoclonus, while no con registered in ten. . .

L10 ANS ' 2001 BIOSIS DUPLICATE 10
ACCESSIC
DOCUMENT
TITLE: YPE I PRESENTING WITH HYPOGLYCEMIA.
AUTHOR(S ASS G J A I
CORPORAT , UNIV. LONDON, 30 GUILFORD ST., LONDON

SOURCE: IS, (1984) 7 (3), 122-124.
: 0141-8955.

FILE SEC
LANGUAGE:
AB A c enase deficiency (type I glutaric
aci subdural hydromas, and progressive
cho e diagnosis was made when she
was at the age of 3.5 yr. Temporary
adr also noted. Three years after diagnosis
the oglycemia have resolved and treatment
wit BA analog, has prevented any
fur
AB A c enase deficiency (type I glutaric
aci subdural hydromas, and progressive
cho e diagnosis was made when she
was at the age of 3.5 yr. Temporary
adr also noted. Three years after
dia y and hypoglycemia have resolved and
tre esal, a **GABA** analog, has
pre deterioration.

L10 ANS 2001 BIOSIS
ACCESSIO
DOCUMENT
TITLE: MMA AMINO BUTYRIC-ACID AND ADENOSINE
IN
FLUID IN PROGRESSIVE MYO CLONUS
EPILEPSY
IES.
AUTHOR(S K; FREDHOLM B B; HARE T A
CORPORA LTAVUORENPENGER 10 A, SF-00170 HELSINKI
SOURCE: 40 (10), 623-625.
C003-9942.
FILE SEG
LANGUAGE:
AB Pro without Lafora's bodies (PME) is a rare
inh ntly in Finland, where the incidence is
1 c s fatal disease is characterized by
no ive stimulus-sensitive myoclonus,
ata nd mal seizures and loss of
ce ations of **GABA** in the CSF
ave .+-. SE) in 8 patients with PME,
co in 10 control patients. The
co ol/ml vs. 17 pmol/ml), inosine (560
pm nthine (6.2 nmol/ml vs. 6.1 nmol/ml)
we and in controls.
AB. e/20,000-30,000 children. This fatal
dis early development, progressive
st ia, **dysarthria**, occasional
gr bellar Purkinje cells. Concentrations
of 10 pmol/ml (mean .+-. SE) in
8 135 .+-.. .

L10 A 2001 DERWENT INFORMATION LTD
ACCESSI
TITLE: 's Syndrome.
AUTHOR:
LOCATIO States
SOURCE: , 501, 1982)
ISSN: 0272-4391
AVAIL. C ry, Texas Tech. University Regional

er, El Paso, Texas, U.S.A.

LANGUAGE
DOCUMENT
FIELD AV
FILE SE(
AN 19
AB A henobarbital was gradually changed
to
cl his Gilles de la **Tourette**
sy this case, successful, and should be
co mechanism of CP action in this
ca could be due to the inhibitory effect
it
he litating activity. (congress).
ABEX A Tourette syndrome had been treated
with
cl improvement of the tics and the
al dication of phenobarbital was gradually
de ased. Improvement in tics and few
al initial CP treatment. Reduction of CP
d tics and some grunting sounds.
In g at bedtime produced remarkable
control
o within normal limits and he has been
ma e during the past 8-mth period.
AB. ived phenobarbital was gradually
cl treatment of his Gilles de la
T as, in this case,
s ed for clinical trial. The mechanism
o understood, but could be due to the
i NS, and its **GABA** facilitating
a

L10 AN 2001 BIOSIS
ACCESSIO
DOCUMENT
TITLE: CONSIDERATIONS AND A PHARMACOLOGICAL
OGY OF THE EXTRAPYRAMIDAL SYSTEM.

AUTHOR(A; ANGELINI L
CORPORA IC INFANTILE, IST. NEUROLOGICO C.
BESTA,

SOURCE: A VOL, (1982 (RECD 1983)) 2 (4),

FILE SE
LANGUAG
IT Mi IC **GAMMA AMINO**
ACTIVITY STIFFNESS
E A **TOURETTE** SYNDROME BALLISM

L10 A 1 DERWENT INFORMATION LTD
ACCESSI
TITLE: S OF THE INITIAL PERIOD OF STUTTERING
IN

AUTHOR:
LOCATIO.
SOURCE: (77, NO.10, 1555-59, 1977)

IT G[illegible] TI .PHENYLMETHANE BENACTYZINE =
A[illegible] = [illegible]ULEPTIL THIORIDAZINE = MELLERIL
ETC.
T[illegible] PSYCHIATRY **STUTTERING**
P[illegible] ES

L10 A[illegible] 2001 DERWENT INFORMATION LTD
ACCESSI[illegible]
TITLE: TROPIC AGENT./RUSS./.
AUTHOR: M G; ALTSHULER R A
LOCATIO[illegible]
SOURCE: (9, NO.9, 60-62, 1975)
IT G[illegible] HYPOTENSIVE
P[illegible] REATMENT OF NEUROLOGY APHASIA
D[illegible] SSION CASES REVIEW 25 REF.
H[illegible] AL-DISORDER

L10 A[illegible] 2001 DERWENT INFORMATION LTD
ACCESSI[illegible]
TITLE: Disease. Basal Ganglia Disease.
AUTHOR:
LOCATIO[illegible]
SOURCE: 8, 1141-47) 4 Fig. 41 Ref.
ISSN: 0140-6736
AVAIL. [illegible] Neurology, Institute of Psychiatry
[illegible] ospital Medical School, London SE5 8AF,

LANGUAG[illegible]
DOCUMEN[illegible]
FIELD A[illegible]
FILE SE[illegible]
AN 19[illegible]
AB Bi[illegible] ganglia diseases are reviewed with
pa[illegible] 's disease (PD) and Huntington's chorea
(H[illegible]
ABEX Th[illegible] of the basal ganglia is outlined. Core
pa[illegible] f the pigmented neuronal systems,
mainly
ir[illegible] eruleus. The histological marker is
the
Le[illegible] ion in affected neurons. Levodopa
al[illegible] rovement, remains the mainstay of
th[illegible] d in combination with carbidopa
(S[illegible]). Bromocriptine is also effective.
Ac[illegible] binding) receptors. Levodopa side
ef[illegible] tic or affective episodes. The
pa[illegible] ebral cortex and basal ganglia. Its
et[illegible] nic acid has been postulated to play
so[illegible] fective therapy for this invariably
fa[illegible] reduced to some extent by dopamine
an[illegible] zines). Drugs aimed to prevent
GA[illegible] isoniazid) or **GABA**
ag[illegible] ly unsuccessful, as have
therapeu
at[illegible] ilocarpine. Other movement
disorder
ve[illegible] hy-drager syndrome and dyskinesias such
as[illegible] ic myoclonus (responds to
5-[illegible] de la **Tourette**'s disease,
es[illegible] l, propranolol, primidone and

isc ... eimer's disease.
ABEX. . ... chorea can be reduced to some
ext ... benazine, phenothiazines). Drugs
ain ... ium valproate and
isc ...) have been generally
uns ... empts with choline, arecoline or
pil ... very briefly. . . considered
inc ... nesias such as Lesch-Nyhan
syndrome,
pos ... hydroxytryptophan), chorea, Gilles
de ... remor (sensitive to
alc ... soniazid), torsion dystonia and
Al:

=> log h
COST IN U

	SINCE FILE ENTRY	TOTAL SESSION
FULL EST	228.17	232.43

DISCOUNT	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCR	-2.35	-2.35